REPORT RESUMES

ED 014 311 JC 670 978

ARTICULATION AGREEMENTS BETWEEN THE UNIVERSITY OF CALIFORNIA AT LOS ANGELES, CALIF. ST. COLL. AT LONG BEACH, SAN FERNANDO VALLEY ST. COLL., AND THE UNIV., OF SOUTHERN CALIF., AND COLLEGES OF THE L.A. CITY JUNIOR COLLEGE DISTRICT. (TITLE SUPPLIED).

LOS ANGELES CITY SCHOOLS, CALIF.

PUB DATE 1 OCT 67

EDRS PRICE MF-$0.75 HC-$6.08 150P.

DESCRIPTORS- *JUNIOR COLLEGES; *HIGHER EDUCATION, *ARTICULATION (PROGRAM), TRANSFER PROGRAMS,

DESIGNED TO FACILITATE THE PLANNING OF PROGRAMS FOR TRANSFER STUDENTS, AGREEMENTS HAVE BEEN NEGOTIATED BETWEEN THE LOS ANGELES CITY JUNIOR COLLEGE DISTRICT AND EACH OF FOUR SENIOR INSTITUTIONS. DISPLAYS SHOW JUNIOR COLLEGE COURSES ACCEPTABLE FOR MEETING SENIOR INSTITUTION REQUIREMENTS IN GENERAL EDUCATION, MAJOR FIELDS, AND TEACHER EDUCATION. GENERAL LISTINGS SHOW ALL TRANSFER COURSES OFFERED BY THE JUNIOR COLLEGES WITH PARALLEL COURSE DESIGNATIONS AT THE 4-YEAR INSTITUTIONS. (HH)

ED014311

LOS ANGELES CITY SCHOOLS
Division of Instructional Planning and Services
Instructional Planning Branch
Office of the College Curriculum Coordinator

ARTICULATION AGREEMENTS

Between

THE UNIVERSITY OF CALIFORNIA, LOS ANGELES

and

THE COLLEGES OF THE LOS ANGELES CITY JUNIOR COLLEGE DISTRICT

City College
East Los Angeles College
Harbor College
Pierce College
Southwest College
Trade-Technical College
Valley College

Revised: October 1, 1967

ALL PREVIOUS EDITIONS ARE OBSOLETE

PART I COURSES ACCEPTABLE FOR MEETING MAJORS REQUIREMENTS

PART II COURSES ACCEPTABLE FOR MEETING GENERAL EDUCATION REQUIREMENTS
- A. College of Fine Arts
- B. College of Letters and Science

PART III COURSES ACCEPTABLE FOR TRANSFER CREDIT, UNIVERSITY WIDE, AND UCLA COURSES FOR WHICH ACCEPTABLE

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EDUCATION POSITION OR POLICY.

JC 670978

U. S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EDUCATION POSITION OR POLICY.

LOS ANGELES CITY SCHOOLS
Division of Instructional Planning and Services
Instructional Planning Branch
Office of the College Curriculum Coordinator
November 20, 1967

Change Bulletin No. 1

ARTICULATION AGREEMENTS -- U.C. LOS ANGELES, 1967-68

Please make changes indicated:

Add items which are underlined.
Delete items which are lined through.

p. 35. ARCHITECTURE
12. (Maximum: 1 unit)

p. 37. ENGINEERING

7 with 8 8, 15	Engineering 15AB

p. 37. ENGLISH
(Maximum: two courses, 6 units, from English 24, 25, 27)

p. 38. GEOLOGY

1 with 6	Physical Science 3G
2 with 7	Geology 4

p. 42. PHYSICAL EDUCATION
17a, 18a, 19a, 20a, 21a, 22a, 23a, 29a, ~~30a~~, 31a, 32a, 33a, 39a, 50a, 60a

(Maximums: 1 unit from PE 17, 18, 19
1 unit from PE 20, 21, 22, 23, 29
1 unit from PE 31, 32, 33, 39)

30. (Maximum: 2 units)

INTRODUCTION

The parts of this bulletin have been developed through negotiations between the University of California Office of Relations with Schools, and the Los Angeles City Schools' College Curriculum Office. The purpose of these agreements is to enable the prospective UCLA student attending a junior college to complete the first two years of his baccalaureate objective, with courses which meet the requirements for his particular major, as well as the breadth or general education requirements.

This bulletin merely lists courses acceptable for meeting the various requirements. Details regarding curricula, course titles, descriptions, or units of credit, may be obtained from the catalogs of the respective colleges and of the University.

In planning his two-year junior college program, the student should first consider the requirements for the Major. Next, he should plan to complete as many of the general requirements as possible. (A given course may be applied to both the major and general education requirements). The including of electives which do not meet either the Major or General Requirements, could result in extending the time required for completion of the bachelor's degree.

With the exception of Engineering, the undergraduate Majors at UCLA are under the jurisdiction of either the College of Fine Arts or the College of Letters and Science. Letter symbols after the Major title are for the purpose of referring the student to the pattern of general education related to his major:

FA	College of Fine Arts
LS	College of Letters & Science

To guide the student in the selection of electives, Part III lists all courses acceptable for transfer credit, including those applicable to the various requirements. All these courses are transferable to any branch of the University for credit, but may differ as to their applicability to majors or general education requirements at the various branches.

CONTENTS

Page

Introduction ii

PART I COURSES ACCEPTABLE FOR MEETING MAJORS REQUIREMENTS

African Studies Special Program - Anthropology Major 1
Arabic Major - Botanical Sciences Major 2
Business Administration - Chemistry Major 3
Chinese Major - Dance Major 4
Earth Physics & Exploration Geophysics Major - Engineering Curriculum 5
English Major - French Major 6
Geography Major - Hebrew Major 7
History Major - International Relations Special Program 8
Italian Major - Latin American Studies Major 9
Latin and Greek (The Classics) Major - Music Majors 10
Near Eastern Studies Major 11
Philosophy Major - Physical Education Major 12
Physical Sciences/Mathematics Major 13
Physics Major - Precriminology Curricula 14
Predental Curriculum - Predental Hygiene Curriculum 15
Premedical Studies 16
Prenursing Curriculum 17
Prenutritional Sciences Curriculum 18
Prepharmacy Curriculum 19
Prephysical Therapy Major - Prepublic Health Curriculum 20
Presocial Welfare Major - Psychology/Mathematics Major 21
Public Service Major - Scandinavian Languages Major 22
Slavic Languages Major - Social Sciences for Elementary Teachers Major 23
Sociology Major - Speech Major 24
Theater Arts Major 25
Zoology Major 26

PART II COURSES ACCEPTABLE FOR MEETING GENERAL EDUCATION REQUIREMENTS

A. College of Fine Arts 27-29
B. College of Letters and Science 30-33

PART III COURSES ACCEPTABLE FOR TRANSFER CREDIT, UNIVERSITY WIDE, AND UCLA COURSES FOR WHICH ACCEPTABLE

Accounting - Arabic 34
Architecture - Botany 35
Broadcasting - Engineering, Civil 36
Engineering, General - Fruit Crops 37
Geography - Hebrew 38
History - Italian 39
Japanese - Mathematics 40
Meteorology - Music 41
Paleontology - Physical Science 42
Physics - Sociology 43
Spanish - Theater Arts 44
Zoology 45

LOS ANGELES CITY SCHOOLS
Division of Instructional Planning and Services
Instructional Planning Branch
Office of the College Curriculum Coordinator

PART I

COURSES ACCEPTABLE FOR MEETING MAJORS REQUIREMENTS

AFRICAN STUDIES SPECIAL PROGRAM (LS)

Since the underlying philosophy of the program in African Studies is that persons with a firm grounding in one of the established disciplines can make the best contribution to an understanding of Africa and its problems, the program can be taken only jointly with work toward a bachelor's degree in one of the following fields: anthropology, economics, geography, history, Near Eastern and African languages, political science, or sociology.

Preparation: Introductory courses in any four of the five following departments.

UCLA REQUIRED COURSES	LAC COURSES WHICH MEET THE REQUIREMENT
Anthropology 2A-2B	Anthropology 5-6 or Anthropology 2 (partially meets requirement)
Economics 1-2 or Economics 100	Economics 1-2 ------
Geography 1A-1B or Geography 101	Geography 1-2 ------
History 1A-1B-1C or History 5A-5B	History 1-2 or History 3-4
Sociology 1A-1B-1C or Sociology 101	Sociology 1 ------

ANTHROPOLOGY MAJOR (LS)

UCLA REQUIRED COURSES	LAC COURSES WHICH MEET THE REQUIREMENT
Anthropology 1A-1B	------
Anthropology 2A-2B	Anthropology 5-6 or Anthropology 2 (partially meets requirements)
Anthropology 80A-80B	------

UCLA COURSES	LAC COURSES
ARABIC MAJOR (LS: Near Eastern and African Languages)	
Arabic 1A-1B-1C	Arabic 1-2
ART MAJORS (FA)	
(1) Art History	
Art 1A-1B-1C	Art 1-2
(2) Pictorial Arts	
Art 1A-1B-1C (any two of the three)	Art 1-2
Art 10A-10B	Art 20-24
Art 20A-20B	Art 22-23
Art 25	Art 37
(3) Design	
Art 1A-1B-1C	Art 1-2
Art 30A-30B	-------
One course selected from the following:	
Art 10A	Art 20
Art 25	Art 37
Art 1A, 1B or 1C	Art 1 or 2
ASTRONOMY MAJOR (LS)	
Mathematics 11A-11B-11C-12A-12B-12C	Mathematics 4-5-6-11-13 or 7-8-11-13
Physics 1A-1B-1C-1D	Physics 1-2-3-4
Recommended: a reading knowledge of French, German, and/or Russian	
BACTERIOLOGY MAJOR (LS)	
Biology 1A-1B-1C	Biology 6-7 or Zoology 1-2
Chemistry 1A-1B-1C	Chemistry 1-2-5
Chemistry 4A-4B-4C-6A-6B-6C	Chemistry 14-15
Mathematics 3A-3B-3C	Mathematics 4-5-6-11 or 7-8-11
Physics 2A-2B-2C	Physics 6-7
BOTANICAL SCIENCES MAJOR (LS)	
Biology 1A-1B-1C	Biology 6-7 or Zoology 1-2
Chemistry 1A-1B-1C	Chemistry 1-2-5
Chemistry 4A-4B-4C-6A-6B-6C	Chemistry 14-15
Physics 1A-1C-1D	Physics 1-3-4
Mathematics 3A-3B-3C	Mathematics 4-5-6-11 or 7-8-11

UCLA COURSES	LAC COURSES

BUSINESS ADMINISTRATION (LS)

Business Administration is no longer an undergraduate major. For those who wish to prepare for admission to the Graduate School toward an M. S. in Business Administration degree, the following plan is recommended:

American History and Institutions	One course in American History and Institutions
Foreign Language (reducible to zero by prior work) 5 courses	Foreign Language through course 3, or if two years completed in high school, through course 2 of a second language
English 1A	English 1
Economics 1-2	Economics 1-2
Business Administration 1A-1B	Accounting 1-2
Mathematics 2C or 11A	Mathematics 1-2
Physical Sciences, 3 courses Life Sciences, 3 courses Social Science (other than Economics), 4 courses Humanities, 2 courses Limited Electives, 2 courses	See Part II, General Education (LS) for courses authorized

CHEMISTRY MAJOR (LS)

Chemistry 1A-1B-1C	Chemistry 1-2-5
Chemistry 4A-4B-4C-6A-6B-6C	Chemistry 14-15
English 1	English 1
English 2 or an upper division course in English	English 2
Physics 1A-1B-1C-1D	Physics 1-2-3-4
Mathematics 11A-11B-11C and	Mathematics 4-5-6-11-13 or
Mathematics 12A-12B or 13A-13B	Mathematics 7-8-11-13
German 1-2-3 or	German 1-2 or
Russian 1-2-3	Russian 1-2
and a fourth language course in German, Russian, or French	German 3 or Russian 3

Students should note that a reading knowledge of German is usually necessary for graduate study in Chemistry.

UCLA COURSES	LAC COURSES
CHINESE MAJOR (LS: ORIENTAL LANGUAGES)	
Oriental Languages 1B-1C	Chinese 1-2
Oriental Languages 9A-9B-9C	Japanese 1-2
Oriental Languages 40A	Chinese 10
History 9B-9C	--------
Recommended:	Recommended:
Anthropology 1A-1B	Anthropology 1
CLASSICS MAJOR (LS)	
The student may take the major in Greek, in Latin, or in the Classics (i.e., Greek and Latin). All majors in the Department of Classics require the same lower division work, as follows:	
Required:	
12 language courses, six in Greek and six in Latin. The high school courses which a student may apply toward the fulfillment of this requirement will be determined by a placement test.	Latin: Latin 1-2 No equivalent for Greek 1-2
DANCE MAJOR (FA)	
Dance 35	---------
Dance 36A-36B-36C	---------
Dance 37A-37B-37C	---------
Dance 38	---------
Dance 70A	---------
Psychology 10.	Psychology 1
Physical Education 15	Anatomy 1 with Physiology 1 or 3
Two courses, including at least one marked with an asterisk, chosen from the following:	
Art 1A-1B-1C*	Art 1-2
Art 10A*-10B*	Art 20-24
Art 25	Art 37
Art 30A	---------
Humanities 1A-1B	English 3-4
Music 2A-2B	Music 32-33
Theater Arts 58	Theater Arts 5

EARTH PHYSICS AND EXPLORATION GEOPHYSICS MAJOR (LS)

Option 1. Exploration Geophysics

UCLA COURSES	LAC COURSES
Chemistry 1A-1B-1C	Chemistry 1-2
Physical Science 3G	Geology 1 with 6; or Geology 4
Geology 4	Geology 2 with 7; or Geology 5
Mathematics 11A-11B-11C-12A-12B-12C	Mathematics 4-5-6-11-13 or 7-8-11-13
Physics 1A-1B-1C-1D	Physics 1-2-3-4

Option 2. Earth Physics

Chemistry 1A-1B-1C	Chemistry 1-2
Mathematics 11A-11B-11C-12A-12B-12C	Mathematics 4-5-6-11-13 or 7-8-11-13
Physics 1A-1B-1C-1D	Physics 1-2-3-4

ECONOMICS MAJOR (LS)

Economics 1-2	Economics 1-2

One course in calculus and four lower or upper division courses in the social sciences other than economics. (Upon petition, a student in upper division standing may be permitted to substitute Economics 100 for Economics 1-2). Those who wish additional work in closely related fields while still in lower division standing can take:

Business Administration 1A	Accounting 1

ENGINEERING CURRICULUM (ENGR)

Freshman Year

Mathematics 11A-11B-11C	Mathematics 4-5-6-11-12-13 or Mathematics 7-8-11-12-13
Chemistry 1A-1B-1C	Chemistry 1-2
Physics 1A	Physics 1
Engineering 6A-6B	---------
Introductory Humanities (2 courses)	2 courses from Literature, Philosophy, Art or Music
Subject A requirement must be met	Recommended: English 1

ENGINEERING CURRICULUM (ENGR) (Cont.)

Sophomore Year

UCLA COURSES	LAC COURSES
Mathematics 13A-13B-13C	Mathematics 4-5-6-11-12-13 or 7-8-11-12-13
Physics 1C-1D	Physics 3-4
Engineering 15A-15B	Engineering, General 7-8
Engineering 16A-16B	---------
Engineering 20A	---------
Humanities elective and Major Field elective	

ENGLISH MAJOR (LS)

For advanced degrees, there is a requirement of a reading knowledge of French, German, and/or Latin.

Plan I

English 1-2	English 1-2
English 10A-10B-10C	English 5-6
History 5A-5B	History 3-4

Plan II

English 1-2	English 1-2
English 10A-10B-10C	English 5-6
Two one-quarter courses in English or American History	Two courses in English or American History
Speech 4	Speech 4

FRENCH MAJOR (LS)

French 1-2-3	French 1-2
French 4-5-6	French 3-4
French 7	French 5

Students receiving less than a grade of B in French 4 will take French 5 before proceeding with upper division work.

UCLA COURSES	LAC COURSES
GEOGRAPHY MAJOR (LS)	
Geography 1A-1B	Geography 1-2
Geography 1C	---------
ALL PROSPECTIVE MAJORS ARE ADVISED TO PLAN A LOWER DIVISION PROGRAM WHICH WILL ENABLE THEM TO TAKE ADVANCED WORK IN ONE OR MORE FIELDS OF CONCENTRATION WHICH ARE ALLIED TO GEOGRAPHY. A MATHEMATICS SEQUENCE SUCH AS MATHEMATICS 2A-2B-2C OR 3A-3B-3C or 11A-11B-11C IS ALSO RECOMMENDED.	Recommended: Mathematics 4-5-6-11 or 7-8-11
GEOLOGY MAJOR (LS)	
Physical Sciences 3G	Geology 1 with 6; or Geology 4
Geology 4	Geology 2 with 7; or Geology 5
Twelve courses in physical, mathematical, and life sciences, of which the following are required:	
Chemistry 1A-1B-1C	Chemistry 1-2
Mathematics 11A-11B-11C	Mathematics 7-8-11
Physics 1A-1B (1C strongly recommended)	Physics 1-2 (Physics 3 strongly recommended)
Biology 1A-1B-1C or	Biology 6-7 or Zoology 1-2
Biology 181A-181B	---------
GERMAN MAJOR (LS)	
German 1-2-3-4-5-6	German 1-2-3-4
GREEK MAJOR (LS) (See CLASSICS MAJOR)	
HEBREW MAJOR (LS: Near Eastern and African Languages)	
Hebrew 1A-1B-1C	Hebrew 1-2

UCLA COURSES	LAC COURSES

HISTORY MAJOR (LS)

History 1A-B-C	History 1-2

Three additional one-quarter courses, at least one of which shall be taken from the following:

History 8A-8B	History 5-6
History 9A-9B-9C-9D	---------

History majors must take at least two one-quarter courses in U. S. History, either in lower division as part of the preparation for the major, or in the upper division as part of the major. If elected in lower division, the following courses are acceptable:

*History 6A-6B	History 17-18
*History 7A-7B	History 11-12

*NOTE: Credit will not be given for both 6A and 7A or for both 6B and 7B.

All history majors shall take at least four courses in other departments in the division of social sciences, whether lower or upper division. If elected in lower division anthropology, geography, economics, political science, sociology, or psychology, are acceptable except:

Psychology 12	Not acceptable: Psychology 2

Recommended:
French, German, Latin, Spanish, Italian, or Russian; for upper division work in history, a reading knowledge of one of these is useful.

INDO-EUROPEAN STUDIES MAJOR (LS: Classics)

12 units of Latin	Latin 1-2
12 units of Greek	---------

INTERNATIONAL RELATIONS SPECIAL PROGRAM (LS)

History 1A-1B-1C or any three of the following, singly or sequentially:	History 1-2 or any three of the following:
History 5A-5B	History 3-4
History 8A-8B	History 5-6
History 9A-9B-9C-9D	---------
Political Science 1-2 and three courses selected from the following; singly or sequentially:	Political Science 1-7 and any three of the following:

INTERNATIONAL RELATIONS SPECIAL PROGRAM (LS)(Cont.)

UCLA COURSES	LAC COURSES
Anthropology 1A-1B	Anthropology 1-2
Anthropology 2A-2B	Anthropology 5-6
Economics 1-2	Economics 1-2
Geography 1A-1B	Geography 1-2
Sociology 1A-1B	Sociology 1

This program can be taken only jointly with a major in political science, and the student completing the program will receive a degree with a major in political science and specialization in international relations.

ITALIAN MAJOR (LS)

Italian 1-2-3	Italian 1-2
Italien 4-5-6	Italian 3-4
Italian 8A-8B-8C	Italian 8 (2 semesters)
Italian 25	Italian 5

Recommended: Three courses in a second language, either Latin, French, Spanish, or German.

JAPANESE MAJOR (LS: Oriental Languages)

Oriental Languages 1A-1B-1C	Chinese 1-2
Oriental Languages 9A-9B-9C	Japanese 1-2
Oriental Languages 40B	Japanese 10
History 9B-9C	---------
Recommended: Anthropology 1A-1B	Recommended: Anthropology 1

LATIN MAJOR (See Classics Major)

LATIN AMERICAN STUDIES MAJOR (LS)

History 8A-8B	History 5-6
*Portuguese 3	Portuguese 3
*NOTE: Prerequisites for Portuguese 3 are Portugese 1 and 2, or equivalent.	Portuguese 1-2
+Spanish 25	Spanish 5
+NOTE: Prerequisites for Spanish 25 are Spanish 1-5, or equivalent.	Spanish 1-2-3-4

UCLA COURSES	LAC COURSES

LATIN AND GREEK (THE CLASSICS) MAJOR (LS) (See Classics Major)

LINGUISTICS

(1) Three courses in Latin or Greek (Greek, if Latin was studied in high school)	Latin 1-2 Greek 1-2
(2) Course 6 in German, French, or Russian	German 4, French 4, or Russian 4

(3) Sufficient lower division preparation in a foreign language other than that chosen in (2) above to enable the student to fulfill the Linguistics Major requirement in a single foreign language of three upper division courses in that language.

(4) Philosophy 31 and	---------
Philosophy 32 or	---------
Anthropology 2A-2B	Anthropology 2 or 5-6

MATHEMATICS MAJOR (LS)

Mathematics 11A-11B-11C-12A-12B-12C	Mathematics 4-5-6-11-13 or 7-8-11-13

Three courses in physical sciences other than Mathematics from: physics, astronomy, chemistry, meteorology, or the general physical science sequences.

Recommended: Courses in physics

Strongly recommended: A reading knowledge of French, German, or Russian

METEOROLOGY MAJOR (LS)

Meteorology 4A-4B-4C	---------
Physics 1A-1B-1C-1D	Physics 1-2-3-4
Mathematics 11A-11B-11C and	Mathematics 4-5-6-11-13 or
Mathematics 12A-12B-12C or 13A-13B-13C	Mathematics 7-8-11-13

MUSIC MAJORS (FA and LS)

Music 10A-10B-10C (all ½ courses)	Music 2-3-4
Music 11A-11B-11C (all ½ courses)	Music 6-7-8
Music 12A-12B	Music 12-13
Music 13A-13B (both ½ courses)	Music 30-31

UCLA COURSES	LAC COURSES

MUSIC MAJORS (FA and LS) (Cont.)

Music 70A-70L. Performance Organizations Students must take one course for three quarters chosen from the following:	Take one course each semester from the following:
A Cappella Choir (A)	Music 56, 57, or 58
University Chorus (B)	Music 55
Madrigal Singers (C)	Music 59
Men's Glee Club (D)	---------
Women's Choral Society (E)	---------
Collegium Musicum (F)	---------
Chamber Music (G)	Music 81
University Orchestra (H)	Music 74
Symphonic Band (J)	Music 76 or 77
Marching and Varsity Bands (K)	---------
Opera Workshop (L)	Music 54

NEAR EASTERN STUDIES MAJOR (LS)

The same Near Eastern language must be maintained in both lower and upper division.

Required:

Arabic 1A-1B-1C or, in exceptional cases, Hebrew 1A-1B-1C	Arabic 1-2 or, in exceptional cases, Hebrew 1-2
History 1A-1B-1C	History 1-2
History 9D	---------

Four social studies courses chosen from the following:

Anthropology 2A, 2B	Anthropology 2 or 5, 6
Economics 1, 2	Economics 1, 2
Geography 1B	Geography 2
Geography 10C	Geography 12
Sociology 1A	Sociology 1

Candidates must also obtain a reading proficiency in French, German, or Italian, and give evidence, normally by examination, of their ability to read current literature on Near Eastern studies (this requirement may be satisfied at any time before graduation).

UCLA COURSES	LAC COURSES
PHILOSOPHY MAJOR (LS)	
Four lower division philosophy courses including:	
Philosophy 6-7 or Philosophy 20-21	Philosophy 1-2 or Philosophy 3-4
Philosophy 31	---------
PHYSICAL EDUCATION MAJOR (LS)	
All students are expected to demonstrate an acceptable level of performance in specified movement patterns through proficiency skills testing. Referral for instruction in appropriate activity areas will be made on the basis of individual test results.	
Physical Education 1	Physical Education 1,2,3,4,5, 6,7,8 to a maximum of four units
Physical Education 10A-10B	---------
Also required, one of the following groups of allied and related field courses:	
Plan I. Applied Field: Physiology	
Chemistry 1A-1B-1C Biology 1A-1B-1C	Chemistry 1-2 Biology 6-7 or Zoology 1-2
Recommended electives:	
Chemistry 4A-4B-4C-6A-6B-6C Mathematics through Calculus Physical Education 15	Chemistry 5, 14-15 Mathematics through Calculus Anatomy 1 with Physiology 1 or 3
Related Fields:	
Psychology 10-12 Sociology 1A Philosophy 6 or 7	Psychology 1-2 Sociology 1 Philosophy 1 or 2
Plan II. Allied Field: Psychology	
Psychology 10-12	Psychology 1- 2

PHYSICAL EDUCATION MAJOR (LS) Plan II (Cont.)

UCLA COURSES	LAC COURSES
Related Fields:	
Physical Sciences 1-2	Physics 11 or 12 and Chemistry 3 or 4
Biology 2A	Biology 1
Physical Education 15	Anatomy 1 with Physiology 1 or 3
Sociology 1A	Sociology 1
Philosophy 6 or 7	Philosophy 1 or 2

Plan III. Allied Field: Sociology

UCLA COURSES	LAC COURSES
Sociology 1A-1B	Sociology 1; ---------
Sociology 19	---------
Anthropology 2A	Anthropology 2
Anthropology 12	---------
Related Fields:	
Physical Sciences 1-2	Physics 11 or 12 and Chemistry 3 or 4
Biology 2A	Biology 1
Physical Education 15	Anatomy 1 with Physiology 1 or 3
Psychology 10-12	Psychology 1-2
Philosophy 6 or 7	Philosophy 1 or 2

PHYSICAL SCIENCES - MATHEMATICS MAJOR (LS)

This major is designed to provide training in sciences and mathematics for students who plan to work for a secondary teaching credential with physical sciences and general science as a major and mathematics as a minor.

UCLA COURSES	LAC COURSES
Required:	
Chemistry 1A-1B-1C	Chemistry 1- 2 - 5
Chemistry 4A-4B	Chemistry 7 or 14
Chemistry 6A-6B	Chemistry 15
Mathematics 11A-11B-11C and 12A-12B-12C or 13A-13B-13C	Mathematics 4-5-6-11-13 or 7-8-11-13
Physics 1A-1B-1C-1D	Physics 1-2-3-4
Physical Sciences 3G	Geology 1 with 6 or Geology 4
Physical Sciences 3M	Geography 3 or Meteorology 3

PHYSICS MAJOR (LS)

UCLA COURSES	LAC COURSES
Physics 1A-1B-1C-1D	Physics 1-2-3-4
Chemistry 1A-1B-1C	Chemistry 1-2-5
Mathematics 11A-11B-11C-12A-12B-12C	Mathematics 4-5-6-11-13 or 7-8-11-13

POLITICAL SCIENCE MAJOR (LS)

UCLA COURSES	LAC COURSES
Political Science 1	Political Science 1

PRECRIMINOLOGY CURRICULA (LS)

Criminology Curricula are offered only on the Berkeley campus.

Basic Program (all students):

UCLA COURSES	LAC COURSES
English 1-2	English 1-2
Foreign Language (Modern), equivalent of Course 3	Foreign Language (modern), equivalent of Course 2
Sociology 1A-1B	Sociology 1; ---------

Criminology (Social Science Emphasis)

UCLA COURSES	LAC COURSES
Biology 2A-2B	Biology 1-2
Mathematics 50	Statistics 1
Political Science 1-2	Political Science 1-7
Psychology 10-70	Psychology 1-3

Criminalistics (Natural Science Emphasis)

UCLA COURSES	LAC COURSES
Biology 1A-1B-1C	Biology 6-7 or Zoology 1-2
Chemistry 1A-1B-1C	Chemistry 1-2-5
Chemistry 4A-4B	Chemistry 7 or 14
Chemistry 6A-6B	Chemistry 15
Mathematics 3A or 11A	Mathematics 6 or 7
Physics 2A-2B-2C	Physics 6-7
Psychology 10	Psychology 1

In addition to the requirements listed above the student must complete the breadth requirements of the College of Letters and Science of Either UCLA or UCB. In meeting the UCLA breadth requirements, the Criminology major is considered to be in the Social Science division and the Criminalistics major in either Life Sciences or Physical Sciences.

For further information regarding these programs, the student should correspond with the School of Criminology, University of California, Berkeley.

UCLA COURSES	LAC COURSES

PREDENTAL CURRICULUM (LS)

The College of Letters and Science offers a predental curriculum designed to fulfill the basic educational requirements for admission to several dental schools as well as the general educational requirements of the College of Letters and Science.

The 90 quarter units (60 semester units) of work required for admission to the UCLA School of Dentistry include the following:

UCLA COURSES	LAC COURSES
American History and Institutions	One course in American History and Institutions
English 1-2	English 1-2
Chemistry 1A-1B-1C	Chemistry 1-2-5
Chemistry 6A-6B	Chemistry 15
Physics 2A-2B-2C	Physics 6-7
Biology 1A-1B-1C	Biology 6-7 or Zoology 1-2

Social Sciences and humanities should also be included in the 90 quarter units (60 semester units) for which the student may consider such courses as anthropology, history, economics, psychology, political science, appreciation of art and/or music, and philosophy.

PREDENTAL HYGIENE CURRICULUM: TWO YEARS (LS)

The University offers a four-year program in dental hygiene leading to the degree of Bachelor of Science. The first two years may be taken at UCLA (or at a junior college); the latter two years must be taken at the School of Dentistry in San Francisco.

The 90 quarter units (60 semester units) required for admission to the School of Dentistry include general University requirements and additional specific requirements, as follows:

UCLA COURSES	LAC COURSES
American History and Institutions	One course in American History and Institutions
English 1-2	English 1-2
Chemistry 1A-1B-1C	Chemistry 1-2-5
Chemistry 4A-4B	Chemistry 7 or 14
Chemistry 6A-6B	Chemistry 15
Biology 1A-1B-1C	Biology 6-7 or Zoology 1-2
Psychology 10 and one additional course	Psychology 1 and one additional course

Electives: Courses in social sciences and humanities (including foreign language).

UCLA COURSES **LAC COURSES**

PREMEDICAL STUDIES: FOUR YEARS (LS)

Students who intend to apply for admission to a medical school and who wish to complete the requirements for a bachelor's degree before such admission should select a major within the College of Letters and Science. In addition to fulfilling the requirements of the chosen major, the student should satisfy requirements of medical schools to which he expects to apply.

PREMEDICAL STUDIES: THREE YEARS (LS)

It is important for the student to bear in mind that the class entering the School of Medicine is limited; in the past, a great many more students have applied than could be admitted. A student who finds himself excluded from the School of Medicine at the end of this three-year curriculum will be unable to obtain the bachelor's degree in the College of Letters and Science at the end of a fourth year unless he has planned his program with this contingency in mind. He should, therefore, enter a departmental major at the beginning of the third year, at the same time meeting all premedical requirements, or include in his premedical program a sufficient number of appropriate courses in some major department. Provision for the completion of such a major does not prejudice the student's eligibility for admission to the School of Medicine.

Students who fulfill the following curriculum requirements in the College of Letters and Science at Los Angeles and who are then admitted to the School of Medicine at Los Angeles without the Bachelor's degree may, by petition, upon satisfactory completion of the first year medical curriculum, be eligible for award of the degree Bachelor of Science in Premedical Studies by the College of Letters and Science).

The three-year program requires a total of not less than 34 courses (a maximum of 70 semester units may be transferred from a junior college) including:

American History and Institutions	One course in American History and Institutions
English 1	English 1

The UCLA Medical School does not require a foreign language. Students wishing an A.B. degree from UCLA may meet the language requirement as follows:

Foreign Languages, five courses	Foreign Languages, through course 4 in one language, or course 2 in two languages
Chemistry 1A-1B-1C	Chemistry 1-2-5
Chemistry 4A-4B-4C-6A-6B-6C	Chemistry 14-15
Physics 2A-2B-2C	Physics 6-7
Mathematics 3A-3B-3C	Mathematics 4-5-6-11 or 7,8,11
Biology 1A-1B-1C	Biology 6-7, or Zoology 1-2
Zoology 107 and 115	---------

UCLA COURSES	LAC COURSES
PREMEDICAL STUDIES: THREE YEARS (LS) (Continued)	
Social Sciences, three courses Humanities, three courses Limited electives, two courses Electives, three courses	Choose courses from L & S General Education list (PART II)

PRENURSING CURRICULUM: TWO YEARS (LS)

The University offers a four-year course leading to the Bachelor of Science degree in nursing. The prenursing curriculum in the lower division of the College of Letters and Science is designed to prepare students for the upper division program in the School of Nursing. The curriculum as set forth below includes the specific requirements for acceptance by the School of Nursing.

The student should apply for admission to the School of Nursing when 90 quarter units (60 semester units) have been completed (or are in progress) of the prenursing curriculum with a least a grade C (2.00) average.

Curriculum Requirements:

American History and Institutions	One course in American History and Institutions
Foreign language (completion of course 3, or three years of one language in high school)	Foreign language: completion of course 2 or three years of one language in high school
Elementary algebra and plane geometry	Mathematics 31, 32
English 1	English 1
Chemistry 1A-1B-1C Chemistry 4A-4B-4C	Chemistry 1-2-5 Chemistry 14
Physical Sciences 1 (or a high school course in physics with grade of B)	Physics 11 or 12 (or a high school course in physics with a grade of B)
Bacteriology 100A-B	---------
Biology 1A-1B-1C	Biology 6, 7 or Zoology 1-2
Psychology 12	Psychology 2

PRENURSING CURRICULUM: TWO YEARS (LS) (Continued)

UCLA COURSES	LAC COURSES
Anthropology 12	---------
Psychology 10	Psychology 1
Sociology 1A or Sociology 101	Sociology 1 or ---------
Two courses in literature or Philosophy 6-7 Philosophy 20-21	Two courses in literature or Philosophy 1-2 or Philosophy 3-4

Two courses in art, history, literature, music or philosophy.

PRENUTRITIONAL SCIENCES CURRICULUM: TWO YEARS (LS)

The University offers a four-year program leading to the degree of Bachelor of Science in nutritional sciences. The prenutritional sciences curriculum in the lower division of the College of Letters and Science is designed to prepare students for the upper division program in the School of Public Health.

The specific requirements for acceptance by the School of Public Health are included in the curriculum as set forth below. Students should apply for admission to the School of Public Health upon completion of 90 quarter units (60 semester units) of this program with a grade C (2.00) average or better.

Curriculum Requirements:

American History and Institutions	One course in American History and Institutions
Foreign language (completion of course 3, preferably German)	Foreign language: completion of course 2, preferably German
Elementary algebra and plane geometry	Mathematics 31, 32
English 1-2	English 1-2
Chemistry 1A-1B-1C	Chemistry 1 - 2
Chemistry 4A-4B-4C-6A-6B-6C	Chemistry 14-15
Mathematics 3A-3B-3C	Mathematics 4-5-6-11 or 7-8-11
Physics 2A-2B-2C	Physics 6-7
Biology 1A-1B-1C	Biology 6-7 or Zoology 1-2
Three courses in social sciences including Economics 1. (Two courses must be in one department).	See left column Economics 1

Three courses in literature or three courses in philosophy.

Two courses in art, history, literature, music, or philosophy.

UCLA COURSES	LAC COURSES

PREPHARMACY CURRICULUM: TWO YEARS (LS)

The School of Pharmacy on the San Francisco campus of the University offers a four-year curriculum leading to the degree of Doctor of Pharmacy. To be admitted to this curriculum a student must have met all requirements for admission to the University and have completed, with an average grade of C (2.00) or better in the University of California or in another institution of approved standing, at least 90 quarter units (60 semester units) of the program set forth below. A student taking the prepharmacy work at the University of California normally will be enrolled in the College of Letters and Science.

Curriculum Requirements:

FIRST YEAR

English 1-2 or Speech 1-2	English 1-2 or Speech 1-2
Chemistry 1A-1B-1C	Chemistry 1-2
Trigonometry and intermediate algebra (if not completed in high school)	Mathematics 3-20

Electives:

Six or seven elective courses should be selected from courses in foreign language, social sciences, and humanities offered in satisfaction of the lower division requirements of the College.

SECOND YEAR

Biology 1A-1B-1C	Biology 6-7 or Zoology 1-2
Physics 2A-2B-2C	Physics 6-7
Mathematics 3A-3B-3C	Mathematics 4-5-6-11 or 7-8-11
American History and Institutions	One course in American History and Institutions
Electives	Electives

PREPHYSICAL THERAPY MAJOR (LS)

(This major is being phased out. Please consult UCLA Physical Therapy Department for further details).

Required:

UCLA COURSES	LAC COURSES
Psychology 10	Psychology 1
Psychology 12	Psychology 2
Chemistry 1A-1B-1C	Chemistry 1-2-5
Chemistry 4A-4B	Chemistry 7 or 14
Physics 2A-2B-2C	Physics 6-7
Mathematics 1	Mathematics 4
Physical Education 43	---------
Recommended:	
Physical Education 10A-10B	---------

PREPUBLIC HEALTH CURRICULUM: TWO YEARS (LS)

Within the next year or so the School of Public Health will be a graduate school. The major preparing for graduate work may be in Biology, Chemistry, Mathematics, Psychology, or Sociology, depending upon the area in Public Health in which the student is interested.

Curriculum Requirements:

American History and Institutions	One course in American History and Institutions
Foreign language (completion of course 3 or three years of one language in high school)	Foreign language: completion of course 2 or three years of one foreign language in high school
Two years of high school mathematics	Two years of high school mathematics or Mathematics 31-32
English 1	English 1
Chemistry 1A-1B-1C	Chemistry 1-2-5
Mathematics 1 or 3A	Mathematics 4 or 7
Biology 1A-1B-1C	Biology 6-7 or Zoology 1-2

Social Sciences: two courses in one department and one in another.

Three courses in literature or three courses in philosophy	Three courses in literature or eight units in philosophy

Limited electives: two courses in art, history, literature, music or philosophy.

UCLA COURSES **LAC COURSES**

PRESOCIAL WELFARE MAJOR (LS)

This major is designed to give the student what is currently regarded as the most suitable background for professional training at the graduate level in the School of Social Welfare. It also provides a broad foundation in the various social sciences. Completion of this major does not guarantee admission to a school of social welfare, and the student should consult his adviser regarding the specific requirements of the school he expects to enter.

Required:

UCLA COURSES	LAC COURSES
Sociology 1A or	Sociology 1
Sociology 101 and	
Sociology 1B	---------
Sociology 18-19	---------
Mathematics 50	Statistics 1

Recommended:

UCLA COURSES	LAC COURSES
Anthropology 2A-2B	Anthropology 5-6 or Anthro. 2

PSYCHOLOGY MAJOR (LS)

UCLA COURSES	LAC COURSES
Psychology 10	Psychology 1
Biology 2A-2B	Biology 1-2
or	or
Biology 1A-1B-1C	Biology 6-7 or Zoology 1-2
Mathematics 2A or 3A	Mathematics 24 or 7

PSYCHOLOGY-MATHEMATICS MAJOR (LS)

Provided as an alternate to the regular psychology major, this major is designed for students planning to go on for graduate work in those fields of psychology where mathematical training is more essential, e.g., measurement, experimental psychology, and theoretical psychology. Present-day trends indicate that mathematical skills are becoming more and more important to the research psychologist.

Preparation for the Major:

UCLA COURSES	LAC COURSES
Biology 2A-2B or	Biology 1-2 or
Biology 1A-1B-1C	Biology 6-7 or Zoology 1-2
Psychology 10	Psychology 1
Two courses in physics and/or chemistry	See left column
Mathematics 11A-11B-11C-12A-12B-12C	Mathematics 4-5-6-11-13 or 7-8-11-13

PUBLIC SERVICE MAJOR (LS)

This major, which combines work of several departments, prepares students for positions in governmental work other than foreign service. The major is of value also for students interested in careers as public relations counselors and personnel managers and in careers in private organizations that have extensive contacts with government. Governmental positions increasingly require specialized training in fields such as budgeting, personnel, planning, and governmental management. The major offers five possible fields of concentration: Public Personnel Administration, Public Management, Public Relations, Financial Administration, and Planning. In addition to regular positions with the government and government related private organizations, there are openings for part-time internship training in various governmental agencies in the Los Angeles area.

Preparation for the Major

UCLA COURSES	LAC COURSES
Business Administration 1A-1B	Accounting 1-2
Economics 1-2	Economics 1-2
Political Science 1	Political Science 1
Mathematics 50	Statistics 1
Speech 1	Speech 1

In the following fields, other courses are prerequisite to upper division courses included in the major:

Public Personnel

UCLA COURSES	LAC COURSES
Psychology 10	Psychology 1

Planning

UCLA COURSES	LAC COURSES
Geography 1A-1B	Geography 1-2

SCANDINAVIAN LANGUAGES MAJOR (LS)

UCLA COURSES	LAC COURSES
Scandinavian Languages 1-2-3-4-5-6	---------
Scandinavian Languages 11-12-13-14-15-16	---------
If planning graduate work, take the following also:	If planning graduate work, take the following also:
German 1-2-3-4-5-6	German 1-2-3-4

UCLA COURSES	LAC COURSES

SLAVIC LANGUAGES MAJOR (LS)

Russian 11-12-13-14-15-16	---------
Slavic 99	---------

SOCIAL SCIENCES FOR ELEMENTARY TEACHERS MAJOR (LS)

This major has been designed in accordance with the State law governing the elementary teaching credential. The program, which must be completed in its entirety for the bachelor's degree, consists of a social science major, an Allied Field in English, and a professional sequence in education. A fifth year is necessary for completion of the credential requirements. An alternate program is the departmental major in which the student may elect a departmental major and an appropriate teaching minor. Majors recommended by the School of Education are Anthropology, Art, English, French, Geography, History, Mathematics, Music, Spanish, and Theater Arts.

Preparation for the Major required of all students

Mathematics 38	Mathematics 25 or 35
Mathematics 3A	Mathematics 7
Music 2A	Music 32
Psychology 10 or 12	Psychology 1 or 2
History 1A-1B-1C	History 1-2
Geography 1A-1B or	Geography 1-2
Geography 101	---------
English 1-2	English 1-2
English 10A-10B-10C	English 5-6

The Allied Field in English consists of three upper division courses. Lower division courses required for completion of this program will also meet all of the necessary English, Humanities and Limited Electives of the breadth requirements.

Recommended electives:

Anthropology 12	---------
Art 1A-1B-1C	Art 1-2
Art 10A	Art 20
Public Health 44	Health 11

UCLA COURSES	LAC COURSES
SOCIOLOGY MAJOR (LS)	
A student whose primary interest is in social welfare may fulfill either the requirements of the major in sociology or of the curriculum in presocial welfare.	
Required:	
Sociology 1A	Sociology 1
Sociology 1B	---------
Sociology 18-19	---------
Recommended:	Recommended:
Anthropology 1A or	Anthropology 1
Anthropology 11	---------
Anthropology 2A-2B	Anthropology 5-6 or Anthro. 2
Economics 1-2	Economics 1-2
English 2	English 2
Geography 1A-1B	Geography 1-2
Mathematics 2A-2B-2C and Mathematics 12A	Mathematics 4-5-6-11 or 7-8-11 or Mathematics 24 (2A-2B only) and Mathematics 13
Philosophy 6-7 or 20-21	Philosophy 1-2 or 3-4
Political Science 1-2	Political Science 1-7
Psychology 10	Psychology 1
SPANISH MAJOR (LS)	
Spanish 5	Spanish 4
Spanish 25	Spanish 5
Spanish 42	Spanish 9
Spanish 44	Spanish 10 (same as Hist. 23)
SPEECH MAJOR (LS)	
Speech 1-2	Speech 1-2
Speech 4	Speech 4

THEATER ARTS MAJOR (FA)

The student majoring in Theater Arts must complete the requirements of the College of Fine Arts and the requirements under one of the following four specializations: theater, secondary teaching credential, motion picture, and television-radio.

Theater Specialization:

UCLA COURSES	LAC COURSES
Theater Arts 5A-5B	Theater Arts 5
Theater Arts 5C	Theater Arts 49
Theater Arts 20A	Theater Arts 44
Theater Arts 40 (½ course)	Theater Arts 23
Theater Arts 41 (½ course)	Theater Arts 19
Theater Arts 42 (½ course)	---------

Secondary Teaching Credential Specialization:

UCLA COURSES	LAC COURSES
Theater Arts 5A-5B	Theater Arts 5
Theater Arts 5C	Theater Arts 49
Theater Arts 20A	Theater Arts 44
Theater Arts 40 (½ course)	Theater Arts 23
Theater Arts 41 (½ course)	Theater Arts 19
Theater Arts 42 (½ course)	---------
Humanities 1A-1B-1C or	English 3-4 or
English 10A-10B-10C	English 5-6

Motion Picture Specialization:

Students electing to specialize in motion pictures for their B.A. degree are expected to complete the general University and College requirements before entering the motion picture program, although this would not prevent students from taking lower division film courses or film history courses coincident with their general studies.

Television-Radio Specialization:

UCLA COURSES	LAC COURSES
Theater Arts 5A-5B	Theater Arts 5
Theater Arts 5C	Theater Arts 49
Theater Arts 20A	Theater Arts 44
Theater Arts 108	---------
Theater Arts 110	---------
Theater Arts 136A	---------

Students are expected to complete the general University and College requirements concurrently with the above courses before entering the Television-Radio program.

UCLA COURSES	LAC COURSES
ZOOLOGY MAJOR (LS)	
Biology 1A-1B-1C	Biology 6-7
Chemistry 1A-1B-1C	Chemistry 1-2-5
Chemistry 4A-4B-4C-6A-6B-6C	Chemistry 14-15
Mathematics 11A-11B-11C-12A-12B-12C	Mathematics 4-5-6-11-13 or 7-8-11-13
Physics 1A-1B-1C-1D	Physics 1-2-3-4

PART II, A

COURSES ACCEPTABLE FOR MEETING GENERAL EDUCATION REQUIREMENTS, COLLEGE OF FINE ARTS

(Includes departments of Art, Dance, Music, and Theater Arts)

A. General University Requirements

1. Subject A

   This requirement is met by completing English 1 with a grade of "C" or better.

2. American History and Institutions

   One course chosen from:
   History 11, 12, 13, 14, 15, 17, 18 or 5 with 6 or
   Political Science 1

B. General College Requirements

(Any course applied on one of the five general requirements may not also be applied on another of these requirements).

1. English Composition

   English 1 and 2 with grades of "C" or better.

2. Foreign Language

   Completion of course 3 in one language, or completion of course 2 in two languages. This requirement may also be met by completion of course 2 in one language with 2 years of another language taken in high school.

3. Natural Science

   At least 8 units, including no less than 3 units from each sub-section:

   a. Physical Science

   Astronomy 1
   Chemistry 1, 3, 4
   Geography 1, 3
   Geology 1, 2, 4, 5, 6, 7, 9, 12
   Mathematics 4, 5, 6, 7, 17, 18, 23, 24, 25, 26, 35, 36, 44, 60, 61, 62, 63, 71, 72

B. General College Requirements

3. a. Physical Science (Continued)

Meteorology 3
Physical Science 1, 2
Physics 1, 6, 11, 12, 14
Statistics 1

b. Biological Science

Anatomy 1
Biology 1, 2, 3, 6, 7, 10, 13, 23, 24, 25, 41
Botany 1, 2, 3
Microbiology 1, 6, 20, 40
Paleontology 1
Zoology 1, 2, 4, 5, 6
- also -
Anthropology 1
Physiology 1, 3
Psychology 2

4. Social Science

a. History of Western Civilization

History 1 and 2

b. Two courses in different departments totaling 5 units or more, from the following:

Anthropology 1, 2, 3, 4, 5, 6, 7
Economics 1, 2, 4, 5
Geography 1, 2, 3, 4, 5, 10, 11, 12, 14, 30
Humanities 2
Political Science 1, 2, 7, 8, 10, 30
Psychology 1, 2, 3, 4, 5, 11, 12, 13, 14
Sociology 1, 2, 4, 10, 12, 13, 15

5. Humanities

At least 11 units, including:

a. At least 5 units in the arts outside the student's major department:

Art 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 37, 38, 50, 51, 52, 53, 54, 55, 56, 57, 58, 80
Humanities 1, 2, 3
Philosophy 24
Physical Education 26, 27, 28

B. General College Requirements

5. a. Humanities (Continued)

Music 2, 3, 4, 5, 6, 7, 8, 12, 13, 17, 28, 30, 31, 32, 33, 34, 40, 41, 44, 54, 55, 56, 57, 58, 59, 60, 61, 62, 68, 69, 70, 71, 72, 74, 76, 77, 81, 82, 83
Theater Arts 1, 2, 5, 6, 7, 11, 15, 19, 20, 21, 22, 23, 24, 25, 28, 31, 40, 41, 44, 45, 46, 47, 56

b. At least six units from literature and/or philosophy

Arabic 11
Chinese 11
English 3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15, 16, 17, 18, 20
French 7, 11
German 7, 11
History 7 (same as Philosophy 23)
Humanities 5
Japanese 11
Philosophy 1, 2, 3, 4, 6, 7, 8, 9, 15, 20, 21, 22, 23, 24, 25
Spanish 7, 11, 12

PART II, B

COURSES ACCEPTABLE FOR MEETING GENERAL EDUCATION REQUIREMENTS, COLLEGE OF LETTERS AND SCIENCE

A. General University Requirements

1. Subject A

This requirement is met by completing English 1, with a grade of "C" or better.

2. American History and Institutions

One course chosen from:

History 11, 12, 13, 14, 15, 17, 18
Political Science 1 or History 5 with 6

B. Foreign Language

Completion of course 4 in one language, or completion of course 2 in two languages. This requirement may also be met by completion of course 2 in one language with 2 years of another language taken in high school with grades of "C" or better.

C. Mathematics

If not completed in high school, suitable courses to meet the entrance requirement in mathematics must be taken; these courses will not be counted as part of the 45 courses (180 quarter units or 120 semester units) required for the bachelor's degree. Acceptable courses: Mathematics 17, 20, 31, 32; Statistics 1.

D. English Composition

English 1 with a grade of "C" or better.

E. Physical Sciences

A minimum of 6 semester units for Life Science majors, and 8 semester units for Humanities and Social Science majors (Physical Science majors meet this requirement automatically)

E. Physical Sciences (Continued)

Required: One course in Physics, chosen from Physics 1, 6, 11, 12, (or Physics 21, only 3 units applicable).

and

One course in Chemistry, chosen from Chemistry 1, 4, (or Chemistry 3, only 3 units applicable).

or

Physical Science 1 with 2.

Additional courses, as needed:

Astronomy 1
Geography 3
Geology 1, 4
Mathematics 4, 5, 7, 18, 23, 24, 71
Meteorology 3
Statistics 1

F. Life Sciences

A minimum of 6 semester units for Physical Science majors, and 8 semester units for Humanities and Social Science majors: (Life Science majors meet this requirement automatically).

A transfer student who does not complete the entire requirement in junior college must take UCLA's Biology 2A-2B after transferring. A student who completes this requirement in junior college may choose from:

Biology 1, 2, 3, 6, 7, 10, 13, 23, 24, 25
Botany 1, 2, 3
Microbiology 1, 20
Zoology 1, 2, 5, 6

The following may be selected only as an additional course beyond 5 or 6 units from above:

Anthropology 1
Psychology 2

G. Social Sciences

A minimum of 6 units for Humanities majors, and 9 units (including two courses in one Social Science) for Physical Science and Life Science majors (Social Science majors meet this requirement automatically).

Acceptable courses:

Anthropology 2, 5, 6
Economics 1, 2
Geography 2
History 1, 2, 3, 4, 5*, 6*, 11*, 12*, 15*, 17*, 18*
Political Science 1*, 7
Psychology 1
Sociology 1

* May not apply to both this and the requirement in American History and Institutions.

H. Humanities

Social Science majors will take a minimum of 6 semester units either in Philosophy or in Literature; Physical Science and Life Science majors will take a minimum of 9 semester units either in Philosophy or in Literature: (Humanities majors meet this requirement automatically).

Philosophy Option:

Philosophy 1 with 2 or 3 with 4

The third course may be selected from Philosophy 1, 2, 3, 4, 6, 7, 8, 9, 20, 21, 22

Literature Option:

English 3, 4, 5, 6, 7, 8, 19

I. Limited Electives

Required: Two 3-unit courses. Two 2-unit courses in one title, or repetitive courses totaling 3 units or more, are equivalent to one course in meeting this requirement. (Examples: Art 11 with 12; Art 20 with 21; Music 82, repeated 3 semesters for 1 unit each semester).

I. Limited Electives (Continued)

Acceptable courses:

Art [a]	1, 2, 3, 4, 5, 6, 7, 8, 10, 11-12, 20-21, 22-23, 24-25, 26, 27-28-29, 37-38, 50-51, 52-53, 56-57, 58-59, 80
History [b]	1, 2, 3, 4, 5, 6, 7, 11, 12, 13, 14, 17, 18, 20, 21, 27, 29, 35
English [c]	3, 4, 5, 6, 7, 8, 11, 12, 13, 14, 15, 16, 18, 19, 20
Music [a]	2, 3, 4, 5, 6, 7, 8, 12, 13, 28, 29, 30, 31, 32, 33, 34, 40, 41, 44, 54, 55, 56, 57, 58, 59, 60, 61, 62, 68, 69, 70, 71, 72, 74, 76, 77, 81, 82, 83
Philosophy [c]	1, 2, 3, 4, 5, 6, 7, 8, 9, 15, 20, 21, 22, 23, 24

---

[a] See the College Catalog for limitations on number of units which may be transferred.

[b] The same course may not apply to both this requirement and requirement A, 2 or G.

[c] The same course may not apply to both this requirement and requirement H.

NOTE: A student who completed 24 semester units or more of credit before 9/26/66 may elect to complete the pattern of General Education Requirements which were in effect at that time.

PART III

COURSES ACCEPTABLE FOR TRANSFER CREDIT, UNIVERSITY WIDE

- and -

UCLA COURSES FOR WHICH ACCEPTABLE

All courses listed in this section are transferable for credit to any campus of the University of California, within the limits for some courses as indicated. In the column "UCLA COURSES", are listed those courses for which Los Angeles College courses are acceptable in meeting requirements for the respective majors. Courses from this list which meet the general education requirements, UCLA, may be found in PART II of this bulletin. All other courses are acceptable for elective credit only.

Each course, individually, is acceptable for transfer credit within the specified limits. The words "or", "and", and "with" in the LAC column refer to UCLA equivalencies.

L A C COURSES	UCLA COURSES
ACCOUNTING	
1.	Business Administration 1A
2.	Business Administration 1B
21-22.	Business Administration 1A
AGRICULTURE	
1, 2	
ANATOMY	
1.	
ANTHROPOLOGY	
1.	
2 or 5 (Maximum: 3 units)	Anthropology 2A
3.	Anthropology 3
4. (Max. 1 unit if Anth. 1 or 2 taken previously)	
6.	Anthropology 2B
7.	
ARABIC	
1, 2, 3, 4, 5, 6, 10, 11	

LAC COURSES	UCLA COURSES
ARCHITECTURE	
1, 2, 3, 9, 10, 12, 15, 16, 17, 33,34	
ART	
1.	Art 1A
2.	Art 1C
1 with 2	Art 1ABC
3.	Art 5
4,5,6,7,8,10,11,12,13,14,15	
(Maximum: 3 units from Art 6, 7; Home Econ. 15)	
(Maximum: 4 units from Art 10, 50, 51)	
20.	Art 10A
21.	
22.	Art 20A
23.	Art 20B
24.	Art 10B
25, 26, 27, 28, 29, 30, 31	
(Maximum: 4 units from Art 24, 25, 26)	
(Maximum: 4 units from Art 27, 28, 29)	
(Maximum: 3 units from Art 30, 31)	
37.	Art 25
38,50,51,52,53,54,55,56,57,58,59,80	
(Maximum: 4 units from Art 37, 38)	
(Maximum: 4 units from Art 10, 50, 51)	
(Maximum: 4 units from Art 52, 53)	
(Maximum: 4 Units from Art 58, 59)	
ASTRONOMY	
1.	Physical Science 3A
2.	Astronomy 2
BIOLOGY	
1.	Biology 2A
2.	Biology 2B
3.	
6.	Biology 1A
7.	Biology 1C
6 with 7	Biology 1ABC
10.	Biology 21
13,23,24,25,41	
BOTANY	
1, 2, 3	

LAC COURSES	UCLA COURSES
BROADCASTING	
1.	
BUSINESS	
5, 6, 8, 15	
(Maximum: 1 course from Bus. 5, 6, 8; Law 1, 2)	
(Maximum: 1 course from Bus. 15; G. Engr. 16; Stat. 1, 2)	
CHEMISTRY	
1.	Chemistry 1A
2 with 5	Chemistry 1BC*
3.	Physical Science 2
4.	Physical Science 2
5, 6	
7.	Chemistry 4AB
8.	
14.	Chemistry 4AB, 6A
15.	Chemistry 4C, 6BC

* For some majors requiring UCLA Chem. 1ABC, LAC Chem. 5 is not required. See PART I, MAJORS REQUIREMENTS.

LAC COURSES	UCLA COURSES
CHINESE	
1-2	Oriental Languages 1ABC
3,4,8,11	
10.	Oriental Languages 40A
EARTH SCIENCE	
1.	
ECONOMICS	
1.	Economics 1
2.	Economics 2
4, 5	
EDUCATION	
1, 2, 3	
ENGINEERING, CIVIL	
1, 2, 3, 4	

LAC COURSES	UCLA COURSES
ENGINEERING, GENERAL	
2. (Acceptable only with prerequisite of one year high school drafting)	
3, 4, 5,	
7.	Engineering 15AB
8, 15	
16.	Engineering 6B
(Maximum: 1 course from G. Engr. 16; Bus. 15; Stat. 1, 2)	
25, 35	
ENGLISH	
1.	English 1
2.	English 2
3.	Humanities 1A
4.	Humanities 1B
5.	English 10A
6.	English 10C
5 with 6	English 10ABC
7, 8, 11, 12, 13, 14, 15, 16, 17	
18. (Acceptable only with prerequisite of English 1)	
19, 20, 24, 25, 27	
23. (Acceptable only with prerequisite: Eligibility for English 1)	
44, 45	
ENTOMOLOGY	
11.	
FRENCH	
1-2	French 1-2-3
3-4	French 4-5-6
3.	French 4
5.	French 7
6, 7	
8.	French 10ABCD
10, 11	
20	French 1-2-3
FRUIT CROPS	
1, 3	

LAC COURSES	UCLA COURSES
GEOGRAPHY	
1.	Geography 1A
2.	Geography 1B
3.	Physical Science 3M
4, 5	
10.	Geography 10A
11.	Geography 10B
12.	Geography 10C
14, 30	
GEOLOGY	
1.	Physical Science 3G
2.	Geology 4
4.	Physical Science 3G
5.	Geology 4
6, 7, 9, 12	
GERMAN	
1-2	German 1-2-3
3-4	German 4-5-6
3.	German 4
5.	German 25
6, 7	
8.	German 8
10, 11	
GREEK	
1, 2	
HEALTH	
10.	
11.	Public Health 44
(Maximum: 1 course from Health 10, 11)	
12. (Maximum: 1 unit)	
HEBREW	
1-2	Hebrew 1ABC
3, 4, 5, 10	

LAC COURSES	UCLA COURSES
HISTORY	
1.	History 1A
2.	History 1C
1 with 2	History 1ABC
3.	History 5A
4.	History 5B
5,6,7,10	
11.	History 7A
12.	History 7B
13, 14	
15.	Economics 10
16, 17, 18, 20, 21	
23.	Spanish 44
27, 29, 35	
HOME ECONOMICS	
10, 11, 12, 15, 17, 19, 20 (Maximum: 6 units from H.E. 10, 11, 12, 13, 17) (Maximum: 3 units from H.E. 15; Art 6, 7)	
13. (Maximum: 2 units)	
21 or 24 (Max. 3 units from H.E. 19, 20, 21, 24)	Nutritional Sciences 11
22, 30, 31 (Maximum: 3 units from H.E. 30, 31; Soc. 12)	
60. (Maximum: 2 units)	
HORTICULTURE, ORNAMENTAL	
6, 7, 15	
HUMANITIES	
1, 2, 3, 5, 7*, 10	
ITALIAN	
1-2	Italian 1-2-3
3-4	Italian 4-5-6
3.	Italian 4
5.	Italian 25
6.	
8.	Italian 8ABC
10, 11	

---

* Transferable only if completed before September, 1968

LAC COURSES	UCLA COURSES
JAPANESE	
1-2	Oriental Languages 9ABC
3,4,5,6,8	
10.	Oriental Languages 40B
11, 13	
12.	Oriental Languages 5AB
JOURNALISM	
1. (Acceptable only with prerequisite: J. 5 or Eligibility for Eng. 1)	
2, 5, 25 (Maximum: 6 units from 1, 2, 5, 16, 25)	
16. (Acceptable only with prerequisite of J. 1)	
LATIN	
1-2	Latin 1-2-3
3.	Latin 4A
4.	Latin 4B
LAW	
1, 2 (Maximum: 1 course from Law 1, 2; Bus. 5, 6, 8)	
MATHEMATICS	
4-5-6-11-13 or 7-8-11-13 or 71-72-73-74-11-13	Mathematics 11ABC and 12ABC
4-5-6-11-12-13 or 7-8-11-12-13 or 71-72-73-74-11-12, 13	Mathematics 11ABC and 13ABC
4-5-6-11 or 7-8-11 or 71-72-73-74-11	Mathematics 3ABC
4-5-6 or 7-8 or 71-72-73-74	Mathematics 1 and 11AB
11 with 13	Mathematics 12ABC

LAC COURSES	UCLA COURSES
MATHEMATICS (Continued)	
15, 17, 18	
23.	Mathematics 1
24.	Mathematics 2AB
25 or 35	Mathematics 38
26, 36	
44.	Mathematics 41
60, 61*, 62, 63, 71, 72, 73, 74	
(Maximum: 3 units from Math. 44, 60, 61, 62, 63)	
METEOROLOGY	
3.	Physical Science 3M
MICROBIOLOGY	
1, 6, 20, 40	
MINERALOGY	
1, 2, 10, 11, 12	
MUSIC	
2-3-4	Music 10A-B-C
5.	
6-7-8	Music 11A-B-C
12-13	Music 12A-B
17.	
28.	Music 1
29.	
30-31	Music 13A-B
32-33	Music 2A-B
34.	
40.	Music 3 or 65
41 or 44	Music 65
(Maximum: 4 units from Music 40, 41, 44)	
54.	Music 70L
55. (Maximum: 4 units)	Music 70B
56 or 57 or 58 (Max.: 4 units)	Music 70A
59. (Maximum: 4 units)	Music 70C
60, 61, 62 (Max.: 4 units)	Music 4 or 64A
68. (Maximum: 4 units)	Music 64B

---

* Transferable only with prerequisite of 2 years High School Math.

LAC COURSES	UCLA COURSES
MUSIC (Continued)	
69. (Maximum: 4 units)	Music 64C
70. (Maximum: 4 units)	
71. (Maximum: 4 units)	
72. (Maximum: 4 units)	
74. (Maximum: 4 units)	Music 70H
76, 77 (Maximum: 4 units)	Music 70J
81. (Maximum: 4 units)	Music 70G
82. (Maximum: 4 units)	
83. (Maximum: 4 units)	
90. (Transferable only if completed before Sept. 1968)	
NOTE: A maximum of 12 units is granted for Music 40 through 90, with 4 units maximum from any one area.	
PALEONTOLOGY	
1.	
PHILOSOPHY	
1.	Philosophy 7
2.	Philosophy 6
3-4	Philosophy 20-21
6,7,8,9,15,20,21,22,23,24,25	
PHYSICAL EDUCATION (Maximum credit for all "activity" courses combined - indicated with "a": 4 units)	
1^a, 2^a, 3^a, 4^a, 5^a, 6^a, 7^a, 8^a	
13. (Maximum: 1 unit)	
16. (Maximum: 2 units)	
17^a, 18^a, 19^a, 20^a, 21^a, 22^a, 23^a, 26, 27, 28, 29^a, 30^a, 31^a, 32^a, 33^a, 39^a, 50^a, 60^a	
44, 45 (Maximum: 2 units)	
PHYSICAL SCIENCE	
1, 2	

LAC COURSES	UCLA COURSES
PHYSICS	
1-2-3-4	Physics 1A-B-C-D
6-7	2A-B-C
11 or 12	Physical Sciences 1
14, 21	
PHYSIOLOGY	
1, 3	(Applicable toward P.E. 15)
POLITICAL SCIENCE	
1.	Political Science 1
2, 8, 10, 30	
7.	Political Science 2
PORTUGUESE	
1-2-3	Portuguese 1-2-3
4.	
POULTRY HUSBANDRY	
1.	
PSYCHOLOGY	
1.	Psychology 10
2.	Psychology 12
3. (with prerequisite of Psych. 1)	Psychology 70
4. (Maximum: 1 course from Psych. 3&4)	
5, 11, 12, 13, 14 (Maximum: 1 course from Psych. 11, 12, 13, 14)	
RUSSIAN	
1-2	Russian 1-2-3
3-4	Russian 4-5-6
3.	Russian 4
5.	
8.	Russian 8A-B-C
SOCIOLOGY	
1.	Sociology 1A
2,4,10,12,13,15 (Maximum: 3 units from Soc. 12; Home Ec. 30,31)	

LAC COURSES	UCLA COURSES
SPANISH	
1-2	Spanish 1-2-3
3.	Spanish 4
4.	Spanish 5
5, 6, 7	
8.	Spanish 8AB, 9AB
9.	Spanish 42
10.	Spanish 44
11, 12	
SPEECH	
1.	Speech 1
2.	Speech 2
3. (Acceptable only with prerequisite: Any speech course)	
4.	Speech 4.
9. (Maximum: 3 units)	
11, 12, 13, 15 (Maximum: 6 units from Speech 11, 12, 13)	
STATISTICS	
1. (Max. 1 course from Stat. 1, 2;	Mathematics 50
2. Bus. 15; G. Engr. 16)	
THEATER ARTS	
1, 2	
5.	Theater Arts 5AB
6, 7	
11. (Maximum: 3 units)	
15.	
19.	Theater Arts 41
20, 21, 22 (Maximum: 8 units from T.A. 19, 20, 21, 23, 30, 31; 2 units each from 19, 20, 21, 23, 24 or from 30, 31; 4 units from 22, 25, 28, 47)	
23.	
24, 25, 28, 30, 31, 40, 41 (Maximum: 4 units from T A. 40, 41)	
44.	Theater Arts 20ABC
49.	Theater Arts 5C
45, 46, 47, 56, 90* (Maximum: 9 units from T.A. 44, 45, 46)	

---

* Transferable only if completed before September, 1968.

LAC COURSES	UCLA COURSES
ZOOLOGY	
1-2 (with Chemistry 1-2)	Biology 1A-B-C
4, 5, 6	

ERIC

LOS ANGELES CITY SCHOOLS
Division of Instructional Planning and Services
Instructional Planning Branch
Office of the College Curriculum Coordinator

ARTICULATION AGREEMENTS

Between

CALIFORNIA STATE COLLEGE AT LONG BEACH

and

THE COLLEGES OF THE LOS ANGELES CITY JUNIOR COLLEGE DISTRICT

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE
ON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS
ED DO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EDUCATION
ION OR POLICY.

City College
East Los Angeles College
Harbor College
Pierce College
Southwest College
Trade-Technical College
Valley College

Revised October 1, 1967

ALL PREVIOUS EDITIONS ARE OBSOLETE

PART I COURSES ACCEPTABLE FOR MEETING MAJORS REQUIREMENTS

PART II COURSES ACCEPTABLE FOR MEETING GENERAL EDUCATION REQUIREMENTS

PART III COURSES ACCEPTABLE FOR TRANSFER CREDIT, AND CSCLB COURSES FOR WHICH ACCEPTABLE

PART IV COURSES ACCEPTABLE FOR MEETING CREDENTIALS REQUIREMENTS

JC 670 978

INTRODUCTION

The parts of this bulletin have been developed through negotiations between the California State College at Long Beach Office of Admissions & Records, and the Los Angeles City Schools' College Curriculum Office. The purpose of these agreements is to enable the prospective CSCLB student attending a junior college to complete the first two years of his baccalaureate objective, with courses which meet the requirements for his particular major, as well as the general education requirements for graduation from CSCLB.

This bulletin merely lists courses acceptable for meeting the various requirements. Details regarding curricula, course titles, descriptions, or units of credit, may be obtained from the California State College at Long Beach General Bulletin and from the catalogs of the respective Los Angeles Colleges.

In planning his two-year junior college program, the student should first consider the requirements for the major. Next, he should plan to complete as many of the general education requirements as possible. (A given course may be applied to both the major and general education requirements. This may be determined by referring to PART II in conjunction with the programming of requirements for the major, as listed in PART I.) The including of electives which do not meet either the Major or General Requirements could result in extending the time required for completion of the bachelor's degree.

To guide the student in the selection of electives, PART III lists all courses acceptable for transfer credit, and where applicable, indicates CSCLB courses for which credit is granted. CSCLB will grant credit towards the satisfying of majors requirements for a number of LAC courses which are not otherwise transferable. These courses are listed in PART I, under the specific major to which they are related; they are not listed in PART III, as they are not acceptable for elective credit.

Part IV lists the courses offered in the Los Angeles Colleges which will satisfy requirements in majors and minors towards teaching credentials.

CONTENTS

Page

Introduction ii

PART I COURSES ACCEPTABLE FOR MEETING MAJORS REQUIREMENTS

Anthropology - Art 1
Biology - Business Education 2
Chemistry - Comparative Literature 3
Criminology - Earth Science 4
Economics - Engineering 5
English - German 6
Health Education - Home Economics 7
Industrial Arts - Industrial Technology 8
Journalism - Mathematics 9
Microbiology - Nursing 10
Philosophy - Physical Therapy 11
Physics - Social Welfare 12
Sociology - Speech 13
Zoology 14

PART II COURSES ACCEPTABLE FOR MEETING GENERAL EDUCATION REQUIREMENTS.... 15-16

PART III COURSES ACCEPTABLE FOR TRANSFER CREDIT AND CSCLB COURSES FOR WHICH ACCEPTABLE

Accounting - Anthropology 17
Arabic - Art 18
Astronomy - Chinese 19
Drafting - English 20
Entomology - Graphic Arts 21
Greek - Humanities 22
Industrial Arts - Mathematics 23
Merchandising - Music 24
Nursing - Physical Education 25
Physical Science - Political Science 26
Printing - Spanish 27
Speech - Zoology 28

PART IV COURSES ACCEPTABLE FOR MEETING CREDENTIALS REQUIREMENTS

Lower Division Requirements 29-30
Elementary and Secondary Credential Majors 30-32
Elementary and Secondary Credential Minors 32-35
Junior College Credential Majors and Minors 36

PART I

COURSES ACCEPTABLE FOR MEETING MAJORS REQUIREMENTS

CSCLB REQUIRED COURSES	LAC COURSES WHICH MEET THE REQUIREMENT
ANTHROPOLOGY (B.A. Degree)	
Anthropology 111	Anthropology 1
Anthropology 120	Anthropology 2 or 5
Anthropology 270	
Recommended:	
Anthropology 240	Anthropology 3
Sociology 100	Sociology 1
ART (B.A. Degree)	
Option I - General Art	
Art 111	Art 3
Art 112A	Art 1-2
Art 121	Art 11 and 12
Art 131	Art 12 and 13
Art 161	
Art 181	Art 30
Art 184	Art 24, 25, 26 (Max. 4 units)
Art 187	Art 21-22

Option II - Pre-professional

Lower division requirements are the same as Option I, with the addition of 6 units in designated courses supporting the specialization.

Option III - Secondary Teaching Preparation

Lower division requirements are the same as Option I.

CSCLB COURSES	LAC COURSES
Option IV - Elementary Teaching Preparation	
Art 112A-B	Art 1-2
Art 121	Art 11 and 12
Art 131	Art 12 and 13
Art 181	Art 30
Art 187	Art 21-22
BIOLOGY	
Anatomy and Physiology 240	Physiology 1 or 3
Botany 212 or 210 and 211	Botany 1-2
Chemistry 111A-B	Chemistry 1-2
Mathematics 102	Mathematics 1 or 20 with 3
Microbiology 210	Microbiology 1
Physics 100A-B	Physics 6-7
Zoology 210A-B	Zoology 1-2
BOTANY	
Botany 212	Botany 1 with 2
Chemistry 111A-B	Chemistry 1-2
Mathematics 102	Mathematics 1 or 20 with 3
Physics 100A-B	Physics 6-7
Microbiology 210	Microbiology 1
Zoology 200A-B	Zoology 1-2
BUSINESS ADMINISTRATION (B.A. Degree; B.S. Degree with specialization in Accounting, Finance, Industrial Relations, Management, Marketing, Operations Research and Statistics, or Production Management)	
Accounting 200A-B	Accounting 1-2
Finance 222	Law 1 or Business 5
Mathematics 117	Mathematics 4
Economics 200-201	Economics 1-2
Finance 224 or	Law 2 or
Geography 152	Geography 5
English 101	English 2
BUSINESS EDUCATION (B.S. Degree)	
Accounting 200A-B	Accounting 1-2
Business Education 100B	Secretarial Science 2
Business Education 130	Business 1
Business Education 320	Sec. Sci. 2 with 33
Finance 222	Law 1
Management 361	Management 33
Marketing 300	Merchandising 21
Operations Research and Statistics 320	Business 15

CSCLB COURSES	LAC COURSES	CSCLB Majors
BUSINESS EDUCATION (Continued)		
Economics 200-201	Economics 1-2	
English 316	Business 32	
English 101	English 2	
Office Administration field of concentration Add:		
Mathematics 117	Mathematics 4	
Business Education 302	Secretarial Science 3	
Business Education 431	Management 14	
Secretarial Science field of concentration Add:		
Business Education 302	Secretarial Science 3	
Business Education 312	Secretarial Science 12	
Business Education 431	Management 14	
Mathematics 100 or	Mathematics 20 or	
Mathematics 102	Mathematics 20 with 3	
CHEMISTRY (B.S. Degree)		
Chemistry 111A-B	Chemistry 1-2	
Chemistry 251 Chemistry 251L	Chemistry 5	
Mathematics 117	Mathematics 4 or 2	
Mathematics 122-123-224	Mathematics 7-8-11 or 5-6-11	
Physics 110-120-230-240	Physics 1-2-3-4	
A reading knowledge of scientific German is required.	A reading knowledge of scientific German is required.	
One of the following:		
Biology 202		
Botany 210-212	Botany 1	
Microbiology 210	Microbiology 1	
Zoology 210A	Zoology 1	
COMPARATIVE LITERATURE (B.A. Degree)		
Comparative Literature 230	English 3 or 4	
Comparative Literature 232		
Six units of lower division work in preparation for upper division concentration in English, French, Spanish, German, or Philosophy.		
Foreign language: Preparation for 12 upper division units in one modern foreign language.	French, German, or Spanish 1-2-3-4	

CSCLB COURSES **LAC COURSES**

CRIMINOLOGY (B.S. Degree)

Students intending to transfer from city or junior colleges to this college to continue work for a bachelor of science degree in Criminology are advised to complete general education requirements while in attendance at a city or junior college.

A total of 27 units in Police Science courses are acceptable for transfer credit. Fifteen units may be transferred to meet the lower division requirement if they parallel the 15 units required at CSCLB. Twelve additional units of police courses will be accepted as electives. No lower division police course should be taken at a junior college which is duplicated in the upper division curriculum of CSCLB.

Required:*

Criminology 151	Police Science 2
Criminology 155	Police Science 3
Criminology 157	Police Science 4
Sociology 100	Sociology 1
Recommended: Sociology 142	Sociology 2

*Courses not satisfied in lower division status may be taken after student has attained upper division status.

DRAMA (B.A. Degree)

Drama 112	Theater Arts 10
Drama 114	Theater Arts 44
Drama 124	Theater Arts 2
Drama 140A	Theater Arts 47
Drama 242	Theater Arts 20 or 23
Drama 244	Theater Arts 30
Drama 246	
Speech 133	Speech 4

EARTH SCIENCE (B.S. Degree)

Geology 100	Geology 1 with 6 or Geology 4
Geology 101	Geology 2 with 7 or Geology 5
Geology 220	Mineralogy 1,2, and 12
Astronomy 100	Astronomy 1
Biology 200	Biology 3
Chemistry 111A-B	Chemistry 1-2
Mathematics 117	Mathematics 4
Physics 100A-B	Physics 6-7

CSCLB COURSES	LAC COURSES
ECONOMICS (B.A. Degree)	
Economics 200-201	Economics 1-2
Accounting 200A	Accounting 1
6 units from:	
Anthropology 120	Anthropology 2
Geography 140	Geography 1 with 2
Sociology 100	Sociology 1
ENGINEERING (B.S. Degree)	
Chemistry 111A-B	Chemistry 1-2
Civil Engineering 101	General Engineering 1
Mathematics 122-123-224	Mathematics 7-8-11 or 5-6-11
Mechanical Engineering 172	General Engineering 2 with 4
Physics 110-120-230-240	Physics 1-2-3-4
Civil Engineering Option: Add:	
Civil Engineering 205	General Engineering 7
Civil Engineering 206	
Civil Engineering 225	Civil Engineering 1 or Geo. 9
Electrical Engineering 210	
Electrical Engineering 210L	
Electrical Engineering Option:	
Electrical Engineering 210	
Electrical Engineering 210L	
Electrical Engineering 240	
Engineering Materials Option: Add:	
Mechanical Engineering 222	General Engineering 6
Civil Engineering 205	General Engineering 7
Mechanical Engineering Option: Add:	
Civil Engineering 205	General Engineering 7
Mechanical Engineering 205	
Mechanical Engineering 272	General Engineering 15
Mechanical Engineering 222	General Engineering 6
Electrical Engineering 210-210L	

CSCLB COURSES	LAC COURSES
ENGLISH (B.A. Degree)	
In the lower division program, 9-12 units distributed as follows:	
English 101	English 2
English 250A	English 5
English 250B	English 6
Any lower division literature course (except English 180)	Any literature course
Recommended:	
English 184	English 3 or 4
Majors in English are strongly advised to do college work in foreign language in the lower division.	
Creative Writing Option:	
Instead of literature course:	
English 101	English 2
English 202 or 204	English 24 or 25, or 27
English 250A-B	English 5-6
FRENCH (B.A. Degree)	
French 101A-B	French 1-2
French 201A-B	French 3-4
Note: A minimum of one year in a second foreign language is required.	
GEOGRAPHY (B.A. Degree)	
Geography 100	Geography 10 or 11
Geography 140	Geography 1 and 2
Geography 152	Geography 5
GEOLOGY (B.S. Degree)	
(Please consult CSCLB catalog)	
Civil Engineering 225	Civil Engineering 1 or Geology 9
Geology 100	Geology 1 and 6 or Geology 4
Geology 101	Geology 2 with 7 or Geology 5
Geology 220	Mineralogy 1-2-12
Chemistry 111A-B	Chemistry 1-2
Mathmetics 117	Mathematics 4 or 2
*Mathematics 122-123	Mathematics 7-8
Physics 100A-B	Physics 6-7 or
**Physics 110-120-240	Physics 1-2-3
Zoology 210A	Zoology 1
GERMAN (B.A. Degree)	
German 101A-B	German 1-2
German 201A-B	German 3-4

---

* Paleontology Option: Zool. 210B (LAC Zool. 2) may be substituted for Math. 123.

** Chemistry, Engineering, Mathematics, or Physics emphasis: complete Math. 11-12 and Physics 1-2-3.

CSCLB COURSES	LAC COURSES
HEALTH EDUCATION (B.A. Degree)	
Anatomy and Physiology 201	Anatomy 1
Anatomy and Physiology 202	Physiology 3 or 1
Microbiology 101	Microbiology 6 or 20
Physical Education 130	Health 12
HISTORY (B.A. Degree)	
A minimum of 12 units including:	
History 131A-B. or	History 1-2 or
History 151A-B. and	History 3-4 and
History 161A-B. or	History 5-6 or
History 171A-B	History 11-12 or 17-18
HOME ECONOMICS (B.A. Degree)	
Home Economics 100	Home Economics 1
Home Economics 251-254	Home Economics 13 with 14*
**Home Economics 111	Home Economics 63
***Home Economics 235	Home Economics 24 with Chemistry 1
Home Economics 142	Architecture 30
Anatomy and Physiology 200	Anatomy 1 with Physiology 1 or 3
Art 100 and/or	Art 10 and/or
Art 111	Art 3
Economics 200	Economics 1 or 2
English 100-101	English 1-2
Chemistry 111A.	Chemistry 1 or
Chemistry 100	Chemistry 3 or 4 or 11 or 12 with 13
Microbiology or Physics	Microbiology 1 or 20 or
	Physics 6 or 11 or 21
Psychology 100	Psychology 1
Sociology 100 or	Sociology 1 or
Sociology 142 (3)	Sociology 2

*Home Economics 14 acceptable for CSCLB Home Economics 251 and 254 providing the student passes a comprehensive examination upon transfer to CSCLB.

**Has prerequisite of Psychology 100 (LAC Psychology 1) and Sociology 100 (LAC Sociology 1).

***Has prerequisite of Chemistry 111A (LAC Chemistry 1) or Chemistry 100 (LAC Chemistry 3) with Chemistry 327 (LAC Chemistry 7).

CSCLB COURSES	LAC COURSES
INDUSTRIAL ARTS (B.A. Degree)	
Industrial Arts 111	Industrial Arts 1
Industrial Arts 121	Industrial Arts 11
Industrial Arts 131	Industrial Arts 31
Industrial Arts 141	Industrial Arts 21
Industrial Arts 151	Industrial Arts 41
Industrial Arts 161	Industrial Arts 5
Industrial Arts 284	
Industrial Arts 181	
Art 100	Art 10
Photography 210	Photography 1 or 10

INDUSTRIAL TECHNOLOGY (B.S. Degree)

This major is a four-year program with options in Construction, Electronics, and Manufacturing Technology. Although upper division courses normally are not included in this bulletin, those for which the Los Angeles colleges have equivalents are included here. This curriculum, for degree purposes, is open only to students who are able to transfer technical course credits earned at two-year or four-year colleges or approved military service schools. Counsel with a member of the Industrial Technology staff is required before the application for admission is submitted.

All Options:	
Accounting 201	Accounting 1 with 2
Chemistry 100	Chemistry 3 or 4 or 11, or 12 with 13
English 101	English 2
English 317	English 29
Mathematics 117	Mathematics 2 or 4
Mathematics 120 or	
Mathematics 122	Mathematics 7, or 5 with 6
Philosophy 170	Philosophy 7 with 8
Physics 100A-B	Physics 6 with 7
Psychology 381	Psychology 42
Industrial Technology 303	Tool & Mfg. Engr. 61
Industrial Technology 309	Supervision 1
Industrial Technology 307	Supervision 13
Construction Option:	
Add:	
Finance 222	Business 5 or Law 1
Finance 342	Real Estate 1
Civil Engineering 225	Civil Engineering 1
Industrial Arts 344	Architecture 5,7,17, or 30
Industrial Arts 345	General Engineering 3
Industrial Arts 412	
Industrial Arts 442	Architecture 8
Industrial Technology 300	Arch. 15 or Gen'l. Engr. 4
Industrial Technology 302	
Industrial Technology 321	Architecture 23

CSCLB COURSES	LAC COURSES
INDUSTRIAL TECHNOLOGY (Continued)	
Industrial Technology 323	Architecture 6 or 24
Industrial Technology 325	Ornamental Horticulture 5
Industrial Technology 304	Gen'l Engr. 8 or Arch. 18-19-20 or 50
Industrial Technology 421	Architecture 22
Industrial Technology 425	Architecture 20
Marketing 360	Management 16
Electronics Option: Add:	
Marketing 300	Merchandising 21
Industrial Arts 241	
Industrial Arts 323	Ind. Arts 15 or Mech. 1 or 29
Management 462	Supervision 10
Indust. Tech. 340-341	Electronics 76-77
Indust. Tech. 442	Electronics 56-57
Manufacturing Option: Add:	
Marketing 300	Merchandising 21
Management 462	Supervision 10
Industrial Arts 241	
Industrial Arts 323	Industrial Arts 15 or Mechanics 1 or 29
Industrial Arts 423	Industrial Arts 16 or Mech. 2
Industrial Arts 441	Drafting 9
Industrial Technology 364L	
Industrial Technology 361	Gen'l Engr. 20
Industrial Technology 466	Welding 12
Industrial Technology 300	Gen'l Engr. 4 or Arch. 15
Industrial Technology 304	Gen'l Engr. 8 or Arch. 18-19-20 or 50
Industrial Technology 364	Drafting 36
JOURNALISM (B.A. Degree)	
Journalism 110	Journalism 1
Journalism 120	Journalism 2
Journalism 140	Journalism 20
Journalism 222 or 242	Journalism 18
Journalism 280	Photography 21
Industrial Arts 151 or 351 and/or Speech 209	Graphic Arts 1 and/or Speech 14 or Broadcast 15
MATHEMATICS (B.A. Degree)	
English 101	English 2
Mathematics 117	Mathematics 4 or 2
Mathematics 122-123-224	Mathematics 7-8-11 or 5-6-11
Any one of the following:	
10 units of Chemistry	Chemistry 1,2
8 units in one foreign language	Any language 1,2
6 units of Philosophy	Any Philosophy courses
6 units of Physics	Physics 1 with 2,3,or 4 or Physics 6, 7 (Physics 11,12 are not acceptable)

MICROBIOLOGY (B.S. Degree)

CSCLB COURSES	LAC COURSES
Chemistry 111A-B	Chemistry 1-2
Chemistry 251) Chemistry 251L)	Chemistry 5
Mathematics 102 or Mathematics 120	Mathematics 1, or 20 with 3
Microbiology 210	Microbiology 1
Physics 100A-B	Physics 6-7
Zoology 210A-B *	Zoology 1-2

MUSIC (B.A. or B. Mus. Degree)

CSCLB COURSES	LAC COURSES
Music 020 (Four semesters required - no credit)	
Music 100 (Four semesters required)	Any performance course
Music 141A-B	Music 2-3-4
Music 142A-B	Music 6,7,8
Music 241	Music 12 with 13
Piano: Keyboard competency equivalent to Music 220B	Competency equivalent to fourth semester piano

NURSING (B.S. Degree)

It is recommended that any person planning to complete the requirements of the B.S. degree program in Nursing offered by California State College at Long Beach enroll in the program as a freshman student in order to complete all of the program at California State College at Long Beach. Students who complete the Registered Nurse training program in the junior college, however, will be accepted into the B. S. degree program and will receive a maximum of 70 units of credit toward the requirements of the B.S. degree program.

If a student elects to attempt the completion of any part of the CSCLB Nursing program in the junior college, the student will receive credit toward the requirements of the B.S. degree program only for the following academic courses completed in the junior college:

Anatomy and Physiology 203A-B	Anatomy 1 with Physiology 1 or 3, or Zoology 6
Anthropology 120	Anthropology 2 or 5
Biology 200	Biology 3
Chemistry 100	Chemistry 3, 11, or 12 with 13
Microbiology 210	Microbiology 1
Home Economics 232	Home Economics 20 with 21
English 101	English 2
Psychology 100	Psychology 1
Physics 104	Physics 11, or 12 with 14
Sociology 100	Sociology 1

* For Medical Microbiology Option, one course in Anatomy and Physiology may be substituted for Zoology 210B.

CSCLB COURSES	LAC COURSES
PHILOSOPHY (B.A. Degree)	
At least 9 units and no more than 12 units in Philosophy including:	
Philosophy 100	Philosophy 1 or 2
Philosophy 170	Philosophy 7 or 8
PHYSICAL EDUCATION (B.A. Degree)	
Men and Women:	
Physical Education 160	Physical Education 60
Physical Education 241	Physical Education 2
Anat. & Phys. 201-202	Anat. 1 with Phys. 1 or 3, or Zool. 6
Men Add:	
Men's P.E. 111-140-141-142-143-242-243-244-245-246-247	Recommended: Completion of Physical Education 30-31-32-33 and 39 with participation in the activities mentioned in CSCLB course titles (P.E. 1,2,3,4,5,6,7).
Women Add:	
Women's P.E. 120-121-140-150-151-243-244-261	Recommended: Completion of Physical Education 16-17-18-19, or 20-21-22-23 with participation in the activities mentioned in CSCLB course titles (P.E. 1,2,3,4,5,6,7).
One of the following:	
Women's P.E. 250,251	P.E. 24, 25
PHYSICAL SCIENCE (B.A. Degree)	
English 101	English 2
Mathematics 117	Mathematics 4 or 2
Mathematics 122-123-224	Mathematics 7-8-11 or 5-6-11
Physics 110-120-230-240	Physics 1-2-3-4
Chemistry 111A-B	Chemistry 1-2
One course from the following:	
Biology 202	
Botany 212	Botany 1 and 2
Botany 210	Botany 1
Microbiology 210	Microbiology 1
Zoology 210A	Zoology 1
PHYSICAL THERAPY (B.S. Degree)	
Anatomy and Physiology 203A-B	Anat. 1 with Physio. 1 or 3, or Zool. 6
Physics 104	Phys. 11, or 12 with 14

CSCLB COURSES	LAC COURSES
PHYSICS (B.S. Degree)	
English 101	English 2
Mathematics 117	Mathematics 4 or 2
Mathematics 122-123-224	Mathematics 7-8-11 or 5-6-11
Physics 110-120-230-240	Physics 1-2-3-4
Chemistry 111A-B	Chemistry 1-2
One course among the following:	
Biology 202	
Botany 212	Botany 1 and 2
Botany 210	Botany 1
Microbiology 210	Microbiology 1
Zoology 210A	Zoology 1
POLITICAL SCIENCE (B.A. Degree)	
Political Science 100	Political Science 1 or 10
Political Science 200A-B	Political Science 1 with 2
Recommended:	
Political Science 110	
PSYCHOLOGY (B.A. Degree)	
English 101 or 317	English 2 or 29
Mathematics 114	
Mathematics 117	Mathematics 4 or 2
or	or
Mathematics 120	Mathematics 7
Psychology 100	Psychology 1 or 6
Psychology 210	Statistics 1
Psychology 220	
RECREATION (B.A. Degree)	
Drama 124	Theater Arts 2
English 101	English 2
Journalism 120	Journalism 2
Music 281	Music 88
Music 290	Music 32 or 33
Physical Education 160	Physical Education 60
Sociology 100	Sociology 1
SOCIAL WELFARE (B.A. Degree)	
Anthropology 120	Anthropology 2
Anatomy and Physiology 200	Anatomy 1 with
or	Physiology 1 or 3 or
Biology 200	Biology 3
Sociology 100	Sociology 1
Sociology 255	Statistics 1
Sociology 260	Sociology 19 or 20

CSCLB COURSES	LAC COURSES
SOCIOLOGY (B.A. Degree)	
Sociology 100	Sociology 1
Sociology 142	Sociology 2
Sociology 255	Statistics 1
Recommended:	
Anthropology 120	Anthropology 2 or 5
Sociology 260	Sociology 19 or 20
SPANISH (B.A. Degree)	
Spanish 101A-B	Spanish 1-2
Spanish 201A-B	Spanish 3-4
Note: A minimum of one year in a second foreign language is required.	
SPEECH (B.A. Degree)	
Radio-Television-Film Concentration	
Speech 206	Broadcasting 1
Speech 209	Broadcasting 10 with 46
Speech 210 or Speech 271	Speech 3
Recommended electives: At least 18 units in one of the following areas: Bus. Ad., Creative Writing, Instructional Media, Journalism, Social-Behavioral Sciences, Speech and Drama, Fine Arts.	
Public Address Concentration	
Speech 130	Speech 1
Speech 131 or	Speech 11 or 12
Speech 132	Speech 2
Speech 133	Speech 4
Speech 271	Speech 3
Speech 237	Speech 7
Speech Pathology Concentration	
Speech 271	Speech 3
Six units from:	
Speech 130	Speech 1
Speech 131	Speech 11 or 12
Speech 132	
Speech 133	Speech 4
General Speech Option	
Speech 130	
Speech 271	Speech 3

CSCLB COURSES	LAC COURSES
ZOOLOGY (B.S. Degree)	
(Including Entomology, Marine Zoology and pre-professional programs)	
Botany 212	Botany 1 with 2
Botany 210 and 211	Botany 1-2
Zoology 210A-B	Zoology 1-2
Chemistry 111A-B	Chemistry 1-2
Physics 100A-B	Physics 6-7
Mathematics 102 (unless waived by placement examination)	Mathematics 1, or 20 with 3
Anatomy and Physiology 240	Physiology 1 or 3

PART II

COURSES ACCEPTABLE FOR MEETING GENERAL EDUCATION REQUIREMENTS

I. Social Science 9 Units

A. U.S. History: one course chosen from:
History 5,6,11,12,13,14,15,17,18

B. U.S. Government and Constitution
Political Science 1

Requirements A and B may also be met with History 5-6,11-12 or 17-18

C. Electives: one course chosen from:
Anthropology 1,2,3,5,6,7
Economics 1,2,5
Geography 1,2,3,5,10,11,12
Sociology 1,2.4,10,13,15,19
History 1,2,3,4
Humanities 10
Political Science 2, ,

II. Natural Science 9 Units
Two semesters of laboratory science are required.

A. At least one course required from:
Anatomy 1
Biology 1,2,3,6,7,10,13,23,24,25
Botany 1,2,3
Entomology 1,11
Microbiology 1,20
Physiology 1,3
Zoology 1,2,4,5,6

B. At least one course required from:
Astronomy 1,2
Chemistry 1,2,3,4,11,12 with 13
Geology 1 with 6,2 with 7,4,5,12
Meteorology 3
Mineralogy 1,2,10 with 11,12
Physical Science 1,2
Physics 1,2,3,4,6,7,11,12,14,21

III. Literature, Philosophy, or the Arts — 6 Units
At least 3 units must be in literature or philosophy

A. Literature
English 3,4,5,6,7,8,11,12,13,14,15,16,20

B. Philosophy
Philosophy 1,2,3,4,6,7,8,9,15,20,21,22,23 (same as History 7), 24,25

C. Arts
All transfer courses in Art, Drafting, Home Economics, Industrial Arts, Music or Theater Arts

IV. English — 3 Units
English 1

V. Speech — 3 Units
Speech 1,2,4,11,12

VI. Psychology — 3 Units
Psychology 1

VII. Physical Education — 2 Units (Four semesters)
Physical Education 1,2,3,4,5,6, 7,8,13,50,60

VIII. Health Education and Safety — 2 Units
Health 10,11

IX. Electives
Additional courses as needed, to total 45 semester units of General Education.

Any of the above
Any Transferable Journalism course.
Any transferable Mathematics course.
Foreign Language up to 6 units.
Humanities 2,3,7

PART III

COURSES ACCEPTABLE FOR TRANSFER CREDIT, AND CSCLB COURSES FOR WHICH ACCEPTABLE

This section lists all courses transferable to California State College at Long Beach, for credit. CSCLB courses for which Los Angeles College courses are acceptable toward the Major are indicated in the right column opposite the respective course numbers. Courses from this list which meet the General Education requirements may be found by referring to PART II of this bulletin. All other courses are acceptable for elective credit only. * (The "or" or "and" in LAC column refers to CSCLB equivalence. Each course is acceptable individually for transfer credit.)

LAC COURSES	CSCLB COURSES
ACCOUNTING	
1.	Accounting 200A
2.	Accounting 200B
3.	Accounting 300A
4.	Accounting 300B
11.	Accounting 320
12.	Accounting 470
15	Accounting 450
21. with 22. (Same as 1)	
31.	
45	Accounting 430
ANATOMY	
1.	Anatomy and Physiology 201
ANTHROPOLOGY	
1.	Anthropology 110
2.	Anthropology 120
3.	Anthropology 240
4.	
5.	Anthropology 120
6.	Anthropology 303
7.	Anthropology 450

* A number of courses are listed as acceptable toward the Industrial Arts or Industrial Technology Majors which do not appear on this list. A student will receive credit for these courses only in the major, but not otherwise.

CSCLB
COURSES

LAC COURSES	CSCLB COURSES
ARABIC	
1,2,3,4,5,6,10,11	
ARCHITECTURE	
1,2,3,9,16,17	Industrial Arts 344
5,7,17, or 30	Industrial Technology 323
6 or 24	Industrial Arts 442
8	Industrial Arts 342
10 or 11	Art 271
12	Industrial Technology 300
15	Industrial Technology 304
18, 19, 21	Industrial Technology 425
20	Industrial Technology 421
22	Industrial Technology 321
23	Industrial Technology 323 or
24 or 6	Home Economics 142
30	Home Economics 342 or Home Economics 441 or Home Economics 443
33, 34	
ART	
1.	Art 112A
2.	Art 112B
3.	Art 111
3 with 4	Art 110
5	Art 412
6, 7, 8	
10.	Art 100
11-12	Art 121
11-12-13	Art 121-131
12-13	Art 131
14, 15	
20-21	Art 181
22-23	Art 187
24-25-26	Art 184-284
25-26	Art 184
27-28-29	Art 187 (Partial)
30.	Art 224
31.	
37.	Art 263
38.	
40.	Art 223
50, 51	
52.	Art 151
53.	Art 251
54, 55, 56, 57	
58.	Art 277
59, 80	

IAC COURSES	CSCLB COURSES
ASTRONOMY	
1.	Astronomy 100
2.	
BIOLOGY	
1, 2	
3.	Biology 200
6, 7, 10, 13, 23, 24, 25, 41	
BOTANY	
1.	Botany 210
2.	Botany 211
1 with 2	Botany 212
3.	
BROADCASTING	
1.	Speech 206
10 with 46	Speech 209
2,3,4,5,7,8,9,12,13,14,15,18, 20,21,25,48	
BUSINESS	
1.	Business Education 130
5.	Finance 222
6.	Finance 224
8, 10	
15.	Operations Research & Statistics 320
32.	English 316
33, 38	
BUSINESS DATA PROCESSING	
1, 2, 11, 21, 23	
CHEMISTRY	
1.	Chemistry 111A
2.	Chemistry 111B
3.	Chemistry 100
4.	
5.	Chemistry 251-251L
6.	
7.	Chemistry 327
8.	Chemistry 328
11 or 12 with 13	Chemistry 100
14.	Chemistry 327
15.	Chemistry 448
CHINESE	
1, 2, 3, 4, 8, 10, 11	

IAC COURSES	CSCLB COURSES
DRAFTING	
1.	Industrial Arts 141
9.	Industrial Arts 441
(See also Industrial Arts)	
DRAMA	
(See Theater Arts)	
EARTH SCIENCE	
1.	
ECONOMICS	
1.	Economics 201
2.	Economics 200
4.	Economics 309
5.	Economics 160
EDUCATION	
1, 2, 3 (Maximum 3 units)	
ELECTRONICS	
22, 23, 24, 25, 52, 53, 64, 65	
ENGINEERING, CIVIL	
1.	Engineering 225
2, 3, 4	
ENGINEERING, GENERAL	
1.	Civil Engineering 101
2 with 4	Mech. Engr. 172 or I A 241
3.	Industrial Arts 345
4.	Industrial Technology 300
5.	Civ. Engr. 200 or I T 303
6.	Mech. Engr. 222
7.	Civ. Engr. 205
8.	Industrial Technology 304
15.	Mech. Engr. 272 or I A 241
30.	Industrial Technology 361
ENGLISH	
1.	English 100
2.	English 101
3.	English 180
4.	English 180
3 or 4	Comparative Lit. 230
3. with 4	English 184
5.	English 250A
6.	English 250B

CSCLB
COURSES

LAC COURSES	CSCLB COURSES
ENGLISH (Continued)	
7,8,12,13	
11.	English 297
14.	English 180 or 294
15, 16, 17, 18, 19, 20, 23	
24 or 25 or 27	English 202 or 204
44, 45	
ENTOMOLOGY	
11.	
FINANCE	
1.	
2.	Finance 382
8.	
31.	Finance 302
35, 36	
FRENCH	
1-2	French 101 A-B
3-4	French 201 A-B
5, 6, 7, 8, 10, 11	
20.	French 101 A-B
GEOGRAPHY	
1 - 2	Geography 140
3.	
4.	Geography 380
5.	Geography 152
10-11	Geography 100
12, 14	
30.	Biology 203
GEOLOGY	
1 with 6	Geology 100
2 with 7	Geology 101
4.	Geology 100
5.	Geology 101
9.	Civil Engineering 225
12.	
GERMAN	
1-2	German 101A-B
3-4	German 201A-B
5,6,7,8,10,11	
GRAPHIC ARTS	
1.	Industrial Arts 151
2.	Industrial Arts 351
3.	Industrial Arts 353

LAC COURSES	CSCLB COURSES
GREEK	
1, 2	
HEALTH	
1.	
10 or 11	Health 110
12.	Physical Education 130
HEBREW	
1, 2,3,4,5,10	
HISTORY	
1.	History 131A
2.	History 131B
3.	History 151A
4.	History 151B
5.	History 161A
6.	History 161B
7. 10	
11-12	History 171A-B
13.	History 379
14,15	
17-18	History 171A-B
20.	History 473B
21.	History 341B
23,27,29,35	
HOME ECONOMICS	
1.	Home Economics 100
2,3	
11.	Home Economics 151
12,13	
14.	Home Economics 151 or 251 or 254
15, 17	
20-21	Home Economics 232
24.	Home Economics 231 (With Chemistry 1 or Chemistry 3 with 7, Home Economics 235)
26,30	
31.	Sociology 275
63.	Home Economics 111
HUMANITIES	
1,2,3,5,7,10	

	CSCLB COURSES
INDUSTRIAL ARTS	
1.	Industrial Arts 111
5.	Industrial Arts 161
11.	Industrial Arts 121
21.	Industrial Arts 141
31.	Industrial Arts 131
41.	Industrial Arts 151
51.	
ITALIAN	
1,2,3,4,5,6,8,10,11	
JAPANESE	
1,2,3,4,5,6,8,10,11,12,13	
JOURNALISM	
1.	Journalism 110
2.	Journalism 120
4.	Journalism 355
5,6,8,9,10,16,19	
18.	Journalism 222 or 242
20.	Journalism 140
21,25,32,33,35,36,40	
41,42,43,44	
LATIN	
1,2,3,4	
LAW	
1.	Finance 222
2.	Finance 224
LIBRARY SCIENCE	
1.	
MANAGEMENT	
6.	
14.	Business Education 431
16.	Marketing 360
33.	Management 361
MATHEMATICS	
1.	Mathematics 100 or 102
2.	Mathematics 117
3.	Mathematics 101
4.	Mathematics 117
7.	Mathematics 122 or 120
7-8-11-12 or 5-6-11-12	Mathematics 122-123-224
13,14,15,17,18	
20.	Mathematics 100

LAC COURSES	CSCLB COURSES
MATHEMATICS (Continued)	
20 with 3	Mathematics 102
23,24	
25.	Mathematics 110
26.	Mathematics 111
27.	
35-36	Mathematics 110-111
37,38,44,60,61,62,63	
71-72 (Same as 7)	
73-74 (Same as 8)	
MERCHANDISING	
11.	Marketing 330
21.	Marketing 300
1,2,24,31,33,35	
METEOROLOGY	
3.	
MICROBIOLOGY	
1.	Microbiology 210
6 or 20	Microbiology 101
40.	Microbiology 211
MINERALOGY	
1-2-12	Geology 220
10,11	
MUSIC (Maximum: 8 units in performance courses.)	
2 with 3	Music 141A
4.	Music 141B
5.	
6 with 7	Music 142A
8.	Music 142B
12-13	Music 241
17,19,20,23	
24.	Music 421
28.	Music 180
29.	
30-31	Music 360A-B
32.	Music 190
33,34	
40.	Music 122A-B
41.	Music 222A-B
42,44	
54.	Music 130
55 or 56 or 59	Music 100
57,58	
60.	Music 120A-B

LAC COURSES	CSCLB COURSES
MUSIC (Continued)	
61.	Music 220C-D
62.	Music 200
66,68,69	
70 or 71 or 72	Music 125
74 or 76	Music 100
77, 78, 79	
81.	Music 200
82, 83	
88.	Music 281
89, 90	
NURSING	
13.	
OFFICE MACHINES	
CSCLB Business Department determines credit for individual cases.	
PALEONTOLOGY	
1.	
PHILOSOPHY	
1 or 2	Philosophy 100
3, 4, 6	
7 or 8	Philosophy 170
9, 15	
20.	Philosophy 160
21, 22, 23	
24.	Philosophy 305
25.	
PHOTOGRAPHY	
1, or 10	Photography 210
11, 15, 16, 17	
21.	Journalism 280
PHYSICAL EDUCATION	
1,2,3,4,5,6,7,8,13	Physical Education 104
2.	Physical Education 241
5B	Physical Education Women 261
7.	Physical Education 118
13.	Physical Education 248
16.	Physical Education Women 121
22.	Physical Education Women 151

IAC COURSES	CSCLB COURSES
PHYSICAL EDUCATION (Continued)	
23.	Physical Education-Women 150
29.	Physical Education-Men 142 or Women 243
30. (Men)	Physical Education-Men 111
44.	Physical Education 270
45, 50	
60.	Physical Education 160
PHYSICAL SCIENCE	
1.	Physical Science 112
2.	
PHYSICS	
1.	Physics 110
2.	Physics 120
3.	Physics 240
4.	Physics 230
6.	Physics 100A
7.	Physics 100B
11 or 12 with 14	Physics 104
21.	Physics 110
PHYSIOLOGY	
1,3	
POLICE SCIENCE	
1.	Criminology 101
2.	Criminology 151
3.	Criminology 155
4.	Criminology 157
5.	Criminology 261
6.	Criminology 271
7.	Criminology 276
8.	Criminology 281
9 with 10	Criminology 102
36,37,38,42	
49.	Criminology 286
52,54,55,59	
POLITICAL SCIENCE	
1.	Political Science 100
2.	Political Science 200B
1 with 2	Political Science 200A-B
7.	Political Science 307
8.	Political Science 341
10.	Political Science 100
30.	

LAC COURSES	CSCLB COURSES
PRINTING	
1 or 17	Industrial Arts 151
PSYCHOLOGY	
1 or 6	Psychology 100
2, 3, 4, 5, 9, 11, 12	
13.	Psychology 351
14.	Psychology 370
15.	
42.	Psychology 381
RUSSIAN	
1-2	Russian 101A-B
3,4,5,8	
SECRETARIAL SCIENCE	
1. *	Business Education 100A
2.	Business Education 100B
3.	Business Education 302
10. *	Business Education 110A
11.	Business Education 110B
12.	Business Education 312
32.	English 316
4 *, 13 *	
SOCIOLOGY	
1.	Sociology 100
2.	Sociology 142
4.	
7.	Sociology 345
10.	
12.	Sociology 275
13, 15	
19 or 20	Sociology 260
SPANISH	
1-2	Spanish 101A-B
3-4	Spanish 201A-B
5,6,7,8,9,10,11,12,13	

* Credit is given only if subject was not taken in High School.
Maximum: 4 units Typewriting; 6 units Shorthand.

LAC COURSES	**CSCLB COURSES**
SPEECH	
1.	Speech 130
2.	Speech 132
3.	Speech 271
4.	Speech 133
6.	Speech 237
7.	Speech 261A-B
9.	Speech 131
11 or 12	Speech 202
13.	
21, 41	
STATISTICS	
1.	Psychology 210 or O.R.&S. 320 or Sociology 255
THEATER ARTS	
1.	Drama 124
2.	
4,5,6,7	Drama 112
10.	
11,15,19	Drama 242
20 or 23	
21,22	
24,25,26,27,28	Drama 244
30.	
31,40,41,42	Drama 114
44.	
45,46	Drama 100A-B or 240A-B
47.	
49,50,51,52,53,54,55	
TRANSPORTATION	
All Courses	
ZOOLOGY	
1-2	Zoology 210A-B
4.	Zoology 360
5.	
6.	Anatomy and Physiology 240

PART IV

COURSES ACCEPTABLE FOR MEETING CREDENTIALS REQUIREMENTS

Students enrolled in other colleges who plan to complete credential requirements at California State College at Long Beach must complete the following:

1. Requirements for admission to California State College at Long Beach
2. Proficiency examinations as required by the Division of Education at California State College at Long Beach.
3. Application for admission to a credential program. Standards for admission to teacher education are not the same as those for admission to the college. Satisfactory completion of lower division work does not guarantee admission to teacher education.

I. LOWER DIVISION REQUIREMENTS

(For additional information on admissions and upper division and graduate preparation for any of the credentials, see Credential Supplement to the 1967-68 College Bulletin published by California State College at Long Beach.)

A. Major and Minor

Elementary and secondary credentials require completion of a major and a minor. Lower division courses required by CSCLB in preparation for teaching majors and minors are listed in the following pages. Where "same" appears in the majors column, required preparation is the same as for the bachelor's degree as shown in PART I of this bulletin.*

---

*Since four units of Physical Education and Health Education are institutional requirements not required for the 45 units of general education for the credential, 49 units are required to complete the general education program. Six of the 49 may be applied toward the major and minor.

B. Special Courses

Additional lower division courses required for teaching credentials are:

	CSCLB Courses	LAC Courses
Elementary and Secondary	English 101	English 2
Elementary	Mathematics 110 or Mathematics 122 or Mathematics 120	Mathematics 25 or 35 or Mathematics 5 with 6 or Mathematics 7
	Recommended:	
	Music 180	Music 28

C. Specialized Preparation in the Area of Speech and Handicapped Hearing: A candidate must complete the requirements for a standard teaching credential with an academic major if the specialized preparation is to substitute for the minor, and upper division courses as specified. One lower division course is required:

CSCLB Course	LAC Course
Speech 271 Voice and Articulation (3)	Speech 3

II. ELEMENTARY AND SECONDARY CREDENTIAL MAJORS

	ELEMENTARY		SECONDARY	
	CSCLB Courses	LAC Courses	CSCLB Courses	LAC Courses
ANTHROPOLOGY	Same		Same	
ART	Same as Option IV		Same as Option III	
BIOLOGY	Same		Same	
BOTANY	Same		Same	
BUSINESS EDUCATION	Not Offered		Same	
CHEMISTRY	Same		Same	

	ELEMENTARY		SECONDARY	
	CSCLB Courses	LAC Courses	CSCLB Courses	LAC Courses
COMPARATIVE LITERATURE	Not offered		Same	
DRAMA	Same		Same	
EARTH SCIENCE	Same		Same	
ECONOMICS	Same		Same	
ENGLISH	Same		Same	
FRENCH	Same		Same	
GEOGRAPHY	Same		Same	
GEOLOGY	Same		Same	
GERMAN	Same		Same	
HEALTH EDUCATION	Not Offered		Same	
HISTORY	Same		Same	
HOME ECONOMICS	Not Offered		Same	
INDUSTRIAL ARTS	Not Offered		Same	
JOURNALISM	Not Offered		Same	
MATHEMATICS	Same		Same	
MICROBIOLOGY	Same		Same	
MUSIC	Same		Same	
PHILOSOPHY	Same		Same	
PHYSICAL EDUCATION	Not Offered		Same	
PHYSICS	Same		Same	
POLITICAL SCIENCE	Same		Same	
PSYCHOLOGY	Same		Same	
PHYSICAL SCIENCE	Same		Same	

	ELEMENTARY		SECONDARY	
	CSCLB Courses	IAC COURSES	CSCLB Courses	IAC Courses
RECREATION	Not Offered		Same	
SOCIOLOGY	Same		Same	
SPANISH	Same		Same	
SPEECH	Same		Same	
ZOOLOGY	Same		Same	

III. ELEMENTARY AND SECONDARY CREDENTIAL MINORS

	CSCLB Courses	IAC Courses
ANTHROPOLOGY	Anthropology 110	Anthropology 1
	Anthropology 120	Anthropology 2
ART	No lower division requirements specified.	
BIOLOGY	Botany 212 or	Botany 1 and 2
	Botany 210 - 211	Botany 1 and 2
	Zoology 210A-B	Zoology 1 and 2
BUSINESS EDUCATION	Secretarial:	
	Business Education 100B	Secretarial Science 2
	Business Education 110B	Secretarial Science 11
	Business Education 130	Business 1
	Accounting 200A-B	Accounting 1 and 2
	Non-secretarial:	
	Business Education 100B	Secretarial Science 2
	Business Education 130	Business 1
	Business Education 200A-B	Accounting 1 and 2
	Finance 222	Business 5 or Law 1
CHEMISTRY	Chemistry 111A-B	Chemistry 1 and 2
	Chemistry 251 - 251L	Chemistry 5
DRAMA	Drama 114	Theater Arts 44
	Drama 124	Theater Arts 2
	Drama 242	Theater Arts 20 or 23
ECONOMICS	Economics 200 - 201	Economics 1 and 2
ENGLISH	Six units from:	
	English 100	English 1
	English 101	English 2
	English 202, 204, 300 405, or 406	
	English 250A,B	English 5,6

ELEMENTARY AND SECONDARY CREDENTIAL MINORS (Continued)

	CSCLB Courses	LAC Courses
FRENCH	Prerequisites for French 312	French 1-2-3-4
GEOGRAPHY	Geography 140 Geography 100 Geography 152	Geography 1 and 2 Geography 10 and 11 Geography 5
GEOLOGY	Geology 101 Geology 220 Other prerequisite	Geol. 2 with 7 or Geol. 5 Mineralogy 1,2, and 12 Geol. 1 with 6, or Geol.4
GERMAN	Prerequisites for German 312	German 1-2-3-4
HEALTH EDUCATION	Microbiology 101	Microbiology 6 or 20
HISTORY	Six units from: History 131A-B History 151A-B History 181A-B	History 1 and 2 History 3 and 4
HOME ECONOMICS	Acceptable but no lower division requirements specified.	
INDUSTRIAL ARTS	Acceptable but no lower division courses specified.	
JOURNALISM	Journalism 110 Journalism 120 Journalism 140	Journalism 1 Journalism 2 Journalism 20
MATHEMATICS	With Academic major: 20 units, excluding Mathematics 100,101,or 102	Any transferable course except Math. 1,3, or 20
	With non-academic major: Mathematics 122-123	Mathematics 7-8 or 5-6
MICROBIOLOGY	Microbiology 210 Microbiology 211	Microbiology 1 Microbiology 40
MUSIC	11-12 units from: Music 120A-B, 220A-B Music 125 Music 280	Music 60, 61 Music 70,71 or 72 Music 28
	Music Activities: Music 100	Music 55,56,57,58,59,62, 74,76,77,81,82,83

	CSCLB Courses	
PHILOSOPHY	9-12 units	9-12 units from: Philosophy 1,2,3,4,6 7,8,9,15,20,21
PHYSICAL EDUCATION	Elementary: Men and Women:	
	P.E. Activities	P.E. 1,2,3,4,5,6,7, 8, or 13
	P.E. 270-271	P.E. 44
	P.E. 273	
	P.E. 278	
	Secondary: Men Only:	
	Men's P.E. 111	P.E. 30
	Men's P.E. 142	P.E. 29
	Men's P.E. 140-141-143-242-243-244, 245-246-247	Completion of: P.E. 31-32-33-39
	P.E. 160	P.E. 60
	P.E. 241	P.E. 2
	Women Only:	
	P.E. 160	P.E. 60
	P.E. 241	P.E. 2
	P.E. 243	P.E. 29
	P.E. 120-121-140-150-151-244-261	Completion of: P.E. 16,17,18,19 or 16,20,21,22,23
PHYSICAL SCIENCE	Not Offered	
PHYSICS	Physics 110-120-230-240	Physics 1-2-3-4
POLITICAL SCIENCE	Political Science 200A	Political Science 1 with 2 acceptable for Political Science 200A-B
	Political Science 100	Political Science 1
PSYCHOLOGY	20 units must include: Psychology 100 Psychology 210 Psychology 220	Psychology 1 Statistics 1

	CSCLB Courses	LAC Courses
RECREATION	Recommended: Music 281	Music 88
SAFETY EDUCATION	P.E. 130 Safety Education 220	Health 12
SOCIAL SCIENCE	Not available. See single subject department minors in Social Sciences.	
SOCIOLOGY	Sociology 100 Sociology 142	Sociology 1 Sociology 2
SPANISH	Prerequisites for Spanish 312	Spanish 1-2-3-4
SPEECH	Speech 130 Speech 271	Speech 1 Speech 3
	Recommended: Speech 236	Speech 13

IV. JUNIOR COLLEGE CREDENTIAL MAJORS AND MINORS

The junior college credential requires a master's degree in a single subject taught in junior college or twelve units of graduate work in one subject taught in junior college which is part of a completed interdepartmental master's degree.

Master's degrees are offered at CSCLB in the following single subjects:

Art
Biology
Business Education
Chemistry
Drama
English
History
Home Economics
Industrial Arts
Mathematics
Music
Physical Education
Physics
Political Science
Psychology
Speech

Interdepartmental master's degrees are offered in:

Physical Science
Social Science

Bachelor's degrees may be taken at CSCLB in preparation for master's degree work elsewhere in the following subjects:

Anthropology
Economics
French
Geography
Geology
German
Health Education
Microbiology
Philosophy
Recreation
Sociology
Spanish

Lower division preparation for junior college teaching majors and minors in the above subjects is the same as for the secondary credential.

LOS ANGELES CITY SCHOOLS
Division of Instructional Planning and Services
Instructional Planning Branch
Office of the College Curriculum Coordinator

ARTICULATION AGREEMENTS

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EDUCATION POSITION OR POLICY.

Between

THE UNIVERSITY OF SOUTHERN CALIFORNIA

and

THE COLLEGES OF THE LOS ANGELES CITY JUNIOR COLLEGE DISTRICT

City College
East Los Angeles College
Harbor College
Pierce College
Southwest College
Trade-Technical College
Valley College

Revised October 1, 1967

ALL PREVIOUS EDITIONS ARE OBSOLETE

PART I	COURSES ACCEPTABLE FOR MEETING MAJORS REQUIREMENTS
PART II	COURSES ACCEPTABLE FOR MEETING GENERAL EDUCATION REQUIREMENTS, COLLEGE OF LETTERS, ARTS, AND SCIENCES
PART III	COURSES ACCEPTABLE FOR TRANSFER CREDIT, AND USC COURSES FOR WHICH ACCEPTABLE

JC 670 978

INTRODUCTION

The parts of this bulletin have been developed through negotiations between the University of Southern California Office of Admissions and the Los Angeles City Schools' College Curriculum Office. The purpose of these agreements is to enable the prospective USC student attending a junior college to complete the first two years of his baccalaureate objective with courses which meet the requirements for his particular major, as well as the general education requirements.

This bulletin merely lists courses acceptable for meeting the various requirements. Details regarding curricula, course titles, descriptions, or units of credit, may be obtained from the Bulletins of the University of Southern California, and from the catalogs of the respective Los Angeles Colleges.

In planning his two-year junior college program, the student should first consider the requirements for the major. Next, he should plan to complete as many of the general education requirements as possible. Certain courses required for the major may also satisfy general education requirements. On the other hand, some majors require specific General Education courses, in fulfilling the requirements for the degree. Consequently, the two-year plan should first provide for the meeting of all specific course requirements; second, for the selection of courses which will meet general education requirements; and last, possible electives not applicable to either the major or general education requirements.

PART I of this bulletin lists courses acceptable for meeting majors requirements, including specified general education courses where these occur. The general education requirements for majors which are not in the College of Letters, Arts and Sciences are governed by the respective Schools and often differ from LAS requirements. Therefore all courses required including general education, are listed for these majors.

PART II lists all LAC courses acceptable for meeting each of the general education requirements, and PART III indicates all courses acceptable for transfer credit.

CONTENTS

Page

Introduction ii

PART I COURSES ACCEPTABLE FOR MEETING MAJORS REQUIREMENTS

Anthropology - Art History 1
Asian Studies - Biological Sciences 2
Business Administration - Classics 3
Clinical Technology (Medical Technology) - Engineering, Aerospace 4
Engineering, Chemical - Engineering, Electrical 5
Engineering, Industrial - Engineering, Petroleum 6
English - French 7
Geology - Industrial Design 8
International Relations - Music 9
Music - Physical Education Dance Major 10
Physical Education P.E. Major - Physics 11
Political Science - Pre-Law 12
Pre-Medical Program - Public Administration 13
Public Relations - Religion 14
Sculpture - Visual Design 15

PART II COURSES ACCEPTABLE FOR MEETING GENERAL EDUCATION REQUIREMENTS, COLLEGE OF LETTERS, ARTS, AND SCIENCES 16-17

PART III COURSES ACCEPTABLE FOR TRANSFER CREDIT, AND USC COURSES FOR WHICH ACCEPTABLE

Accounting - Art 18
Astronomy - Education 19
Engineering, Civil - Geology 20
German - Journalism 21
Latin - Paleontology 22
Philosophy - Psychology 23
Russian - Zoology 24

PART I

COURSES ACCEPTABLE FOR MEETING MAJORS REQUIREMENTS

Listed below are the courses for each major or curriculum which are required specifically in addition to or as part of the General Education pattern outlined in PART II of this bulletin. Specific courses listed for a particular major which are on the General Education list will apply on the General Education Requirements.

USC REQUIRED COURSES	LAC COURSES WHICH MEET THE REQUIREMENT
ANTHROPOLOGY (B.A. in LAS)	
Anthro 200.	Anthropology 1
Anthro 201.	Anthropology 2
ARCHITECTURE (Bachelor of Architecture)	
First Year	
Engl 101.	English 1
FA 100ab.	Art 20 with 21, or Architecture 10 with 11
History. One course from:	History 10, 11, 12, 13, 14, 15, 17, 18; Political Science 1, 10; or History 5 with 6.
Literature	English 5, 6, 7, or 8
Math 115-125.	Mathematics 7 -8
Phil 110 or Phil 315 a or b.	Philosophy 1 or 2
Phys 105abL. General Physics (4-4)	Physics 6 with 7

Second Year

USC strongly recommends that all transfer students consult with the Dean of the School of Architecture before starting the second year of work in any other institution, including the junior college.

ART EDUCATION (See fine Arts)

USC REQUIRED COURSES	LAC COURSES WHICH MEET THE REQUIREMENT
ART HISTORY (A.B. in LAS: ARCH and FA)	
FA 100ab.	Art 20-21
FA 202	Art 22
FA 220	Art 37
FA 250 ab.	Art 1-2
MUHL 200	Music 32

USC COURSES	LAC COURSES
ASIAN STUDIES (A.B. in LAS)	
Two years of Chinese or Japanese Language History 235	Chinese 1-2-3-4 or Japanese 1-2-3-4 Acceptable: History 5 with 6
ASTRONOMY (A.B. in LAS)	
Math 115-125. Phys 151L-152L-153L. Math 258-259 Language 1-2-3 (French, German, or Russian recommended)	Mathematics 7-8 Physics 1-2-3-4 Mathematics 11-12 Language 1-2-3 (French, German or Russian recommended)

BIOLOGICAL SCIENCES (B.S. in LAS)

Students planning to enter professional schools (e.g., medicine, dentistry) can meet the admission requirements of such schools by completion of either Option 1 or 2 below if certain courses required by the professional schools are taken as electives.

Option 1: This option provides broadly based training for research and teaching in biology.

BioSci 106abL.	Biology 1 with 2, or Zoology 1 with 2
BioSci 201abL. Chem 105abL.	Botany 1 with 2 Chemistry 1 with 2
English 102. Language: French, German, or Russian recommended Math 115-125. Math 258. Phys 105abL.	English 2 Language: French, German, or Russian recommended. Mathematics 7 with 8 Mathematics 11 Physics 6 with 7

Option 2: This option is for students planning careers in research and teaching in Biochemistry, Biophysics, and related areas.

BioSci 106abL.	Biology 1 with 2 (if with Lab.), or Zoology 1 with 2
Chem 105abL. Chem 200L. Quantitative Analysis (4) Language: French, German, or Russian recommended Math 115-125. Math 258. Phys 151L-152L-153L,	Chemistry 1 with 2 Chemistry 5 with 6 Language: French, German, or Russian recommended. Mathematics 7 with 8 Mathematics 11 Physics 1-2-3-4

USC COURSES	LAC COURSES
BIOLOGICAL SCIENCES (B.S. in LAS) (continued)	
Option 3: This option is designed for students planning careers in Microbiology.	
BUSINESS ADMINISTRATION (B.S. in BUS)	
English 101	English 1
Natural Science	Minimum of 8 units
History 101, 102, 103 or 104	History 1 or 2
Math 108.	Math 4 or 23 (or 20 with "B")
PoliSci 100	Political Science 1
Philosophy, Religion, Fine Arts, or Music	(Choose from General Education list)
English 102 or Speech 102	English 2 or Speech 1
Economics 250ab	Economics 1-2
Literature	English 3,4,5,6,7 or 8
Anthro 201.	Anthropology 2
Sociology 250	Sociology 2
The upper division requirement in Accounting Principles (Bus Adm. 300) may be met with	Accounting 1 with 2
CERAMICS (See Fine Arts)	
CHEMISTRY (A.B. or B.S. in LAS)	
Chem 105abL.	Chemistry 1 with 2
Chem 200L.	Chemistry 5
Math 115-125-258-259.	Mathematics 7-8-11-12
Phys 151L-152L-153L.	Physics 1-2-3-4
German or Russian	German 1-2-3
CINEMA (A.B. in LAS)	
Complete the General Education Requirements.	
CLASSICS (A.B. in LAS)	
Greek 150-151-250	
Latin 100-101-200.	Latin 1-2-3
Latin 201 or Greek 251	
History 101	History 1

USC COURSES	LAC COURSES
CLINICAL TECHNOLOGY (MEDICAL TECHNOLOGY)	
A student interested in this area should major in Biological Science, Option 1 or 3.	
COMPARATIVE LITERATURE (A.B. in LAS)	
Engl 261-262. English 102 recommended	English 5-6 English 2 recommended
DENTAL HYGIENE (See PRE-DENTAL HYGIENE)	
DENTISTRY (See PRE-DENTISTRY)	
DESIGN (See VISUAL DESIGN)	
DRAMA (A.B. in LAS)	
Drama 101. Drama 151. Drama 201. Drama 226.	Theater Arts 2 Theater Arts 44 Theater Arts 45 Theater Arts 7
ECONOMICS (A.B. in LAS)	
Econ 250ab. Math through 259 for those planning on graduate work in Economics	Economics 1 with 2 Mathematics through 12
ENGINEERING, AEROSPACE (B.S. in ENGR)	
Chem 105abL. CivE 207-307. Engr 101. IE 105. IE 250. Math 115-125. Math 258-259. ME 216L. Phys 151L-152L-153L English 101 Political Science 100 or History 200 Psychology 200	Chemistry 1 with 2 General Engineering 7 with 8 General Engineering 1 Gen. Engr. 2 with 4 General Engineering 3 Mathematics 7 with 8 Mathematics 11 with 12 General Engineering 6 Physics 1-2-3-4 English 1 Political Science 1 or History 11, 12, 13, 14, 15, 17, or 18 Psychology 1

USC COURSES	LAC COURSES
ENGINEERING, CHEMICAL (B.S. in ENGR)	
Chem 105abL.	Chemistry 1 with 2
Chem 200L.	Chemistry 5
Chem 322abL.	Chemistry 7 with 8
CivE 207.	General Engineering 7
Engr 101.	General Engineering 1
IE 105.	General Engineering 2 with 4
Math 115-125.	Mathematics 7 with 8
Math 258-259	Mathematics 11 with 12
Phys 151L-152L-153L.	Physics 1-2-3-4
English 101	English 1
Political Science 100 or	Political Science 1
History 200	History 11, 12, 13, 14, 15, 17 or 18
Psychology 200	Psychology 1
ENGINEERING, CIVIL (B.S. in ENGR)	
Chem 105abL.	Chemistry 1 with 2
CivE 207-307.	General Engineering 7 with 8
CivE 251L.	Civil Engineering 1
CivE 327.	General Engineering 8
Engr 101.	General Engineering 1
IE 1o5.	General Engineering 2 with 4
Math 115-125.	Mathematics 7 with 8
Math 258-259.	Mathematics 11 with 12
Phys 151L-152L-153L.	Physics 1-2-3-4
English 101	English 1
Political Science 100 or	Political Science 1: or
History 200	History 11, 12, 13, 14, 15, 17, or 18
Psychology 200	Psychology 1
ENGINEERING, ELECTRICAL (B.S. in Engr)	
Chem 105abL.	Chemistry 1 with 2
CivE 307	General Engineering 7
Engr 101.	General Engineering 1
Math 115-125.	Mathematics 7 with 8
Math 258-259.	Mathematics 11 with 12
Phys 151L-152L-153L.	Physics 1-2-3-4
English 101	English 1
Political Science 100 or	Political Science 1
History 200	History 11, 12, 13, 14, 15, 17, or 18
Psychology 200	Psychology 1
Electives in Literature, Speech Life Science, Humanities or Social Studies	(Choose from General Education List)

USC COURSES	LAC COURSES
ENGINEERING, INDUSTRIAL (B.S. in ENGR)	
Chem 105 abL.	Chemistry 1 with 2
CivE 207-307.	General Engineering 7 with 8
Engr 101.	General Engineering 1
IE 105.	General Engineering 2 with 4
Math 115-125.	Mathematics 7 with 8
Math 258-259.	Mathematics 11 with 12
ME 216L.	General Engineering 6
Phys 151L-152L-153L.	Physics 1-2-3-4
English 101	English 1
Political Science 100 or History 200	Political Science 1 or History 11, 12, 13, 14, 15 17, or 18
Psychology 200	Psychology 1
ENGINEERING, MECHANICAL (B.S. in ENGR)	
Chem 105abL.	Chemistry 1 with 2
CivE 207-307.	General Engineering 7 with 8
Engr 101.	General Engineering 1
IE 105.	General Engineering 2 with 4
IE 250.	General Engineering 3
Math 115-125.	Mathematics 7 with 8
Math 258-259.	Mathematics 11 with 12
ME 216L.	General Engineering 6
Phys 151L-152L-153L.	Physics 1-2-3-4
English 101	English 1
Political Science 100 or History 200	Political Science 1 or History 11, 12, 13, 14, 15, 17, or 18
Psychology 200	Psychology 1
ENGINEERING, PETROLEUM (S.S. in ENGR)	
Chem 105abL.	Chemistry 1 with 2
Chem 200L.	Chemistry 5
CivE. 207	General Engineering 7
Engr 101.	General Engineering 1
Geol 105L-106L.	Geology 1 with 6 and 2 with 7 or Geology 4 and 5
IE 105.	General Engineering 2 with 4
IE 250.	General Engineering 3
Math 115-125.	Mathematics 7 with 8
Math 258-259.	Mathematics 11 with 12
Phys 151L-152L-153L.	Physics 1-2-3-4
English 101	English 1
Political Science 100 or History 200	Political Science 1 or History 11, 12, 13, 14, 15, 17, or 18
Psychology 200	Psychology 1

USC COURSES	LAC COURSES

ENGLISH (A.B. in LAS)
(Department Major and Teaching Major are the same during first two years.)

Engl 261-262.	English 5 with 6
English 102 recommended	English 2 recommended

FINE ARTS (BFA in ARCH. and FA)

The lower division preparation for the Major is the same for: Art Education, Ceremics, Painting, Sculpture and Visual Design, Students planning to major in FINE ARTS should consult with the USC Department of Fine Arts before registering for studio courses at any junior college.

Fine Arts 100ab	Art 20-21 or Arch 10-11
Architecture 200abL	
Fine Arts 200	
Fine Arts 202	
Fine Arts 220	
Fine Arts 230	
Fine Arts 250ab	Art 1-2
English 101	English 1
History, one course	See PART II: A, 3
Literature, one course	See PART II: B, 2
Philosophy, one course	See PART II: B, 3
Natural Science, one course	See PART II: C
Social Sciences	See PART II: D, 1
Social Sciences, one course	See PART II: D, 2

FOREIGN SERVICE (B.F.S. in LAS)

Econ 250ab.	Economics 1 with 2
IR 200.	Political Science 2

General Education Requirements PART II: As Listed For the A.B. Degree

Group A	6 courses
Group B	3 courses
Group C	1 course
Group D	2 courses
Group E	(Senior Courses)
Group F	Physical Education, 4 different Semesters.

FRENCH (A.B. in LAS)

Engl 261-262.	English 5 with 6
French 120-150	French 1-2
French 220-250*	French 3 with 4*

*If recommended by advisor

USC COURSES	LAC COURSES
GEOLOGY (A.B. in LAS)	
Chem 105abL..	Chemistry 1 with 2
Geol 105L, 106L.	Geology 1 with 6 and 2 with 7 or Geology 4 and 5
Geol 206L.	Mineralogy 1 with 2
Math 115-125.	Mathematics 7 with 8
Phys 105abL.	Physics 6 with 7
GEOLOGY (B.S. in LAS)	
Same lower division requirements as for A.B. except add:	
Chem 200L.	Chemistry 5
Geology 207L	
Math 258.	Mathematics 11
Physics 151L-152L-153L	Physics 1-2-3-4
GERMAN (A.B. in LAS)	
Germ 120-150-220.	German 1-2-3
Germ 230.	German 10
Recommended for teaching major:	
English 260	English 6 and 8
GREEK (A.B. in LAS)	
Greek 150-151.	
Greek 250-251.	
History 101	History 1
HISTORY (A.B. in LAS)	
2 courses from History 101, 102, 103, 104, 235, 245	History 1 with 2, or 5 with 6
INDUSTRIAL DESIGN (B.S. in ARCH and FA)	
Arch 200abL.	
FA 100abL	Art 20 with 21, or Architecture 10 with 11
FA 220.	
FA 230.	Art 52
FA 250ab.	Art 1 with 2
InDes 200abL.	
Math 115-125.	Mathematics 7 with 8
Phys 105abL.	Physics 6 with 7
English 101	English 1
Literature, one course	English 3, 4, 5, 6, 7, or 8
Philosophy 110	Philosophy 1 or 2

USC COURSES	LAC COURSES
INTERNATIONAL RELATIONS (A.B. in LAS and IR).	
Concentration in Economics and International Trade:	
IR 200.	Political Science 2
Concentration in Politics:	
Econ 250ab. or Econ 300.	Economics 1 with 2
IR 200.	Political Science 2
JOURNALISM (A.B. in JOURN and LAS)	
Econ 300.	Economics 1 with 2
Engl 260.	English 6 and 8
Journ 200.*	Journalism 1
Hist 104.	History 2
Journ 150.	
Ability to typewrite required	Ability to typewrite
Foreign Language I-II-III	Foreign Language 1-2-3

*Transfer students from accredited institutions who have completed two years of Journalism and who demonstrate their writing ability may be excused from Journ 200.

USC COURSES	LAC COURSES
LATIN (A.B. in LAS)	
Latin 100-101.	Latin 1 with 2
Latin 200-201.	Latin 3 with 4
History 101	History 1
MATHEMATICS (A.B. in LAS)	
Math 115-125.	Mathematics 7 with 8
Math 258-259.	Mathematics 11 with 12
Phys.151L-152L-153L.	Physics 1-2-3-4 or
Phys 105abL. (For Teaching Majors)	Physics 6-7
MUSIC (A.B. in LAS)	
MuTC 133ab.	Music 2 with 6 and 3 with 7
MuTC 233a.	Music 4 with 8
MuTC 233b.	
MuTC 234a-b.	Music 12 with 13 (Partial)
MuHL 271.	Music 30 - 31

USC COURSES	LAC COURSES
MUSIC (BACHELOR OF MUSIC in MUSIC)	
Music Major courses as recommended (16)	16 units in voice or in one instrument
MuEn Ensemble as recommended (2)	4 courses from 55, 56, 57, 58, 74, 75, 76, 77
MuTC 133ab.	Music 2 with 6 and 3 with 7
MuHL 271.	Music 30-31
MuTC 233a.	Music 4 with 8
MuTc 233b.	
MuHL 110-210.	
OCCUPATIONAL THERAPY (B.S. in LAS)	
Biol. 212L.	Physiology 1 or 3
PT 372.	
OT 259.	
Psych 200.	Psychology 1
One additional course in Psychology or Sociology	Pshchology 2, Sociology 1,2 or 10
General Education Requirements as listed for the A.B. Degree	PART II:
Group A	6 courses
Group B	3 courses
Group C	2 courses
Group D	2 courses
Group E	4 Semesters, including Swimming
PAINTING (See FINE ARTS)	
PHILOSOPHY (A.B. in LAS)	
Six upper-division courses including 315 ab	Maximum of 16 units from Philosophy 1, 2, 6, 7, 8, 20
PHYSICAL EDUCATION DANCE MAJOR (A.B. in LAS)	
P.E. 211.	
P.E. 230P.	
P.E. 260P.	

USC COURSES	LAC COURSES
PHYSICAL EDUCATION - P.E. MAJOR (A.B. in LAS)	
PE 211. PE 212P. PE 213P.	Specific equivalents not estalbished. Acceptable toward major preparation: 4 units from PE 17, 18, 19, 20, 21, 22, 23, 28, 29 (women); or 28, 29, 31, 32, 33 (men)
PE 214P.	Health 11
PHYSICAL EDUCATION - RECREATION MAJOR (A.B. in LAS)	
PE 211.	Same as PE Major
PE 212P.	- - -
PE 213P.	- - -
PE214P	Health 11
PHYSICAL THERAPY (B.S. in LAS)	
Natural Sciences: Three courses in Biological Sciences, including physiology	Physiology 1 or 3 Biology 1 with 2 Or Zoology 1 with 2
Two courses in either chemistry or physics, or one course in each.	Chemistry 1-2 Or Physics 6-7 Or one of each Chemistry and Physics
General Education Requirements as listed for the AB Degree	PART II:
6 courses	A: 1,2,3,4
3 courses	B: 1,2,3
2 courses	D: 1
(Psychology required)	Psychology 1
Physical Education, including 101 and 110	4 different Semesters of PE activity, including Physical Efficiency and Swimming
PHYSICS (A.B. or B.S. in LAS)	
Chem 105abL.	Chenistry 1 with 2
Math 257-258-259.	Mathematics 8-11-12
Phys 151L-152L-153L.	Physics 1-2-3-4
Recommended: German 120-150-225-or Russian (SlaSt) 120-122-220	German 1-2-3 or Russian 1-2-3

USC COURSES	LAC COURSES
POLITICAL SCIENCE (A.B. in LAS)	
PolSci 100. PolSci 200.	Political Science 1 Political Science 1 with 2
PRE-DENTAL CURRICULUM (LAS)	
Biol 106abL.	Biology 1 with 2,(if with Lab.), or Zoology 1 with 2
Chem 105abL.	Chemistry 1 with 2
Chem 322abL.	Chemistry 7 with 8
Phys 105abL.	Physics 6 with 7
English 101-102	English 1-2
PRE-DENTAL HYGIENE (LAS)	
Chem 105abL	Chemistry 1-2
English 101-102	English 1-2
Speech 102	Speech 1
Psych 200.	Psychology 1
Sociology 250	Sociology 2
Phys Ed. 103	Health 10
Phys Ed. Activity including Swimming	4 Semesters of PE activity
Am Hist and Gov't	History 10 or Political Science 10
2 courses in Science with laboratory Biology is recommended	Biol 1-2 or Zoology 1-2
PRE-LAW (LAS)	
Plan 1. A four year curriculum of full-time study. Requirement for admission is the completion of not less than 62 units acceptable for A.B. or B.S. degree at USC of which not less than 56 units must be in courses of substantive content.	Especially recommended: Economics 1-2 Philosophy 7-8 Other courses suggested: Anthro 2 Math 4
Plan 2. A three-year curriculum of full-time study. Requirement for admission is a bachelor's degree.	

USC COURSES	LAC COURSES
PRE-MEDICAL PROGRAM (LAS)	
Biol 106abL.	Zoology 1 with 2
Chem 105abL.	Chemistry 1 with 2
Chem 200L.	Chemistry 5
Phys 105abL.	Physics 6 with 7
English 101-102	English 1-2
General Education Requirements as listed for the A.B. Degree:	
6 courses	A: 1, 2, 3, 4
3 courses	B: 1, 2, 3
2 courses (including Psychology)	D: 1
	Psychology 1
Physical Education including Swimming	4 different Semesters of PE Activity including PE 2
PRE-PHARMACY CURRICULUM (LAS)	
Biol 106abL.	Biology 1 with 2, (if with Lab.), or Zoology 1 with 2
Sect Adm. 014.	Secretarial Science 1
Chem 105abL.	Chemistry 1 with 2
Econ 250a.	Economics 2
Math 102*.	Mathematics 20
Math 103*.	Mathematics 3
Phys 105abL.	Physics 6 with 7
Psych 200.	Psychology 1
English 101-102	English 1-2
Social Sciences	6 units
Humanities or Additional Social Sciences	4 units

*If two years of algebra are not taken in high school
*If not taken in high school.

PSYCHOLOGY (A.B. in LAS)	
Psych 200.	Psychology 1
Psych 274.	Statistics 1
PUBLIC ADMINISTRATION (B.S. in PUBLIC ADMINISTRATION)	
1. English 101	English 1
2. Philosophy 250	Philosophy 7 with 8
3.-5. Courses I, II, III in a single language	Completion of Course 3 in any language
or	
3. Math 108	Math 4
4. Philosophy 380	- - -
5. P.A. 404	- - -

PUBLIC ADMINISTRATION (continued)

Choose one course from each numbered group:

	USC COURSES	LAC COURSES
6.	Astronomy 100	Astronomy 1
	*Biol Sci 100	*Biology 3
	Biol Sci 106abL	Biology 1 with 2
	Chemistry 105abL.	Chemistry 1 with 2
	Geology 105L	Geology 1 with 6 or Geol. 4
	Geology 106L	Geology 2 with 7 or Geol. 5
	*Physics 100	*Physics 11 or 12
	Physics 105abL.	Physics 6 with 7
7.	History 101, 102, 103, 104	History 1 or 2
	History 235, 245	History 5 with 6
8.	History 200	History 14
	Political Science 100	Political Science 1
9.	Philosophy 110	Philosophy 1 or 2
	Philosophy 270	Philosophy 20
	Religion 110	History 7 or Philosophy 23
10.	Anthropology 201	Anthropology 2
	Economics 300	Economics 1 , 2
	Geography 300	Geography 2
	Political Science 200	Political Science 1 with 2
	Psychology 200	Psychology 1
	Sociology 200	Sociology 1, 2, 10
11.	English 102	English 2
	Speech 102	Speech 1
12.	Drama 226	Theater Arts 7
	Music History and Literature 200	Music 30 with 31
13.	English 260, 261, 262	English 5 or 6 or 8
14.	History 476, 477	History 11 or 12 or 17 or 18

(other required courses in Upper Division)

PUBLIC RELATIONS (A.B. in JOURN and LAS)

Same as for JOURNALISM major.

RELIGION (A.B. in LAS)

Recommended:
Three semesters of a modern language and of a language appropriate to the field of specialization.

USC COURSES	LAC COURSES
SCULPTURE (See FINE ARTS)	
SLAVIC STUDIES (A.B. in LAS)	
SlaSt 120-122-220	Russian 1-2-3
SOCIOLOGY (A.B. in LAS)	
Soc 200.	Sociology 1
Soc 250.	Sociology 2 or 10
SPANISH (A.B. in LAS)	
Span 120-150-220.	Spanish 1-2-3
Recommended:	
Spanish 224.	
Spanish 230.	
SPEECH (A.B. in LAS)	
Spch 101.	Speech 4
Spch 102.	Speech 1
Spch 262.	--------
TELECOMMUNICATIONS (A.B. in LAS)	
Speech 101	Speech 4
TComm 100.	Broadcasting 1
TComm 210.	Broadcasting 10
Recommended: Ability to typewrite	Recommended: Ability to typewrite
VISUAL DESIGN (See FINE ARTS)	

PART II

COURSES ACCEPTABLE FOR MEETING GENERAL EDUCATION REQUIREMENTS, COLLEGE OF LETTERS, ARTS, AND SCIENCES

1. REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE

A. General Requirements

1. English 1
2. English 2
3. History 14 or Political Science 1 or
   one of the following combinations:
   History 5 with 6, 11 with 12, 17 with 18 or
   History 5, 6, 10, 11, 12, 13, 15, 17, or 18 with
   Political Science 10
4. Foreign Language
   Completion of course 3 in a single language
   (It is recommended that this requirement be completed before transferring, so that a placement examination will not be required.)

B. Humanities

1. Arts. At least 3 units from:
   Art 1, 2, 3, 4, 8
   Music 30, 31, 32, 33, 89
   Theater Arts 5, 6, 7, 56
2. Literature. At least one course from:
   English 3, 4, 5, 6, 7, 8, 11, 12, 14, 15, 16,
   French 11
   German 11
   Italian 11
   Spanish 11, 12

3. Philosophy. At least one course from:
   Philosophy 1, 2, 3, 4, 5, 15, 20, 21, 22, 23, 24, 25 or
   History 7 (Same as Philosophy 23)

C. Natural Sciences. At least 8 units from the following:

   Astronomy 1
   Biology 1, 2, 3, 6, 7, 23, 24

I. REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE

C. Natural Sciences (Cont.)

Botany 1, 2, 3
Chemistry 1, 2, 3 , 12, 13
Geology 1 with 6, 2 with 7, 4, 5
Microbiology 1, 6
Physical Science 1, 2
Physics 1, 2, 3, 4, 6, 7, 11, 12, 14
Zoology 1, 2, 5, 6

D. Social Sciences

1. One course from:
   History 1, 2, 5, 6, 23
2. One course from:
   Anthropology 2
   Economics 1, 2
   Geography 2

   Psychology 1
   Sociology 1, 2, 10

E. One senior course in each division in which the student is not a major. (To be completed after transfer)

F. Four physical education activities, including P.E. 1 and 2, in four different semesters

G. (Listed in Majors bulletin)

H. (Not applicable till upper division)

II. REQUIREMENTS FOR THE BACHELOR OF SCIENCE DEGREE IN COLLEGE OF L.A.S.

The following requirements must be met from the Bachelor of Arts list:

A. 1, 2, 3, 4,
B. One course from the Humanities: 1, 2, or 3
C. This requirement will be met by majors courses
D. One course from Social Sciences: 1 or 2
E. F. G. H.

PART III

COURSES ACCEPTABLE FOR TRANSFER CREDIT, AND USC COURSES FOR WHICH ACCEPTABLE

This section lists all courses transferable to the University of Southern California for credit. USC courses for which Los Angeles College courses are acceptable toward the Major are indicated in the right column opposite the respective course numbers. Courses from this list which meet the General Education requirements may be found by referring to PART II of this Bulletin. All other courses are acceptable for elective credit only.

Each course, individually, is acceptable for transfer credit within the specified limits. The words "or", "and", and "with" in the LAC column refer to USC equivalencies.

LAC COURSES	USC COURSES
ACCOUNTING	
1 with 2	Bus. Adm. 300
21 with 22 (Same as 1)	
ANATOMY	
1	Biol. 312
ANTHROPOLOGY	
1	Authro. 200
2	Authro. 201
3, 4, 5, 6, 7	
ARABIC	
1, 2, 3, 4, 5, 6, 10, 11	
ARCHITECTURE	
1, 2, 3, 9	
10 with 11	FA 100ab
12, 15, 16, 17, 33, 34	
ART	
1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13	
14, 15	
20 with 21	FA 100ab
22, 23, 24, 25, 26, 27, 28	
29, 30, 31, 37, 38, 50, 51	
52.	FA 230
53, 54, 55, 56, 57, 58, 59, 80	

LAC COURSES	USC COURSES
ASTRONOMY	
1.	Astronomy 100
2.	
BIOLOGY	
1 with 2 (if with Lab.)	BioSci 106 abL.
3.	Biol. 100
6, 7, 10, 13, 23, 24, 25, 41	
BOTANY	
1 with 2	BioSci 201abL.
3.	
BROADCASTING	
1.	
10.	T Comm 210
BUSINESS	
5,6,8,15	
CHEMISTRY	
1 with 2	Chem. 105abL.
3, 4 , 6	
5.	Chem 200L
7 with 8	Chem 322abL.
11, 12, 13, 14, 15	
CHINESE	
1-2	As. St. 100-102
3-4	As. St. 200-300
8, 10, 11	
EARTH SCIENCE	
1. (Maximum 2 units)	
ECONOMICS	
1.	Economics 250b
2.	Economics 250a
1 with 2	Economics 300
4,5	
EDUCATION	
1, 2, 3	

LAC COURSES	USC COURSES
ENGINEERING, CIVIL	
1.	CivE 251L
2,3,4	
ENGINEERING, GENERAL	
1.	Engr. 101
2 with 4	IE 105
3.	IE 250
4,5	
6.	ME 216L
7 with 8	CivE. 207-307
8.	CivE. 327
16, 25, 35	
ENGLISH	
1-2	English 101-102
3, 4	
5-6	English 261-262
6 with 8	English 260
7, 8, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 23, 24, 25, 27	(Maximum: 2 courses, 6 units)
FIRE SCIENCE (Maximum transferable: 16 units)	
FRENCH	
1-2	French 120-150
3-4	French 220-250
5, 6, 7	
8.	French 320
10.	French 230
11.	
20.	French 120-150
GEOGRAPHY	
1.	Geography 200L
2.	Geography 210
3, 4, 5, 10, 11, 12, 14, 30	
GEOLOGY	
1 with 6	Geology 105L
2 with 7	Geology 106L
4.	Geology 105L
5.	Geology 106L
9, 12	

LAC COURSES	USC COURSES
GERMAN	
1-2	German 120-150
3.	German 220- or 225
4, 5, 6, 7, 8	
10.	German 230
11.	
GREEK	
1,2	
HEALTH	
10.	P.E. 103
11.	P.E. 214P
HEBREW	
1, 2, 3, 4, 5, 10	
HISTORY	
1, 2, 3, 4,	
5 with 6	History 245
7, 10, 11, 12, 13	
14.	History 200
15, 16, 17, 18, 20, 21, 23, 27, 29, 35	
HUMANITIES	
1, 2, 3, 5, 7, 10	
ITALIAN	
1, 2, 3, 4, 5, 6, 8, 10, 11	
JAPANESE	
1.	As. St. 110
2.	As. St. 112
3.	As. St. 210
4.	As. St. 310
5, 6, 8, 10, 11, 12, 13	
JOURNALISM	
1.	Journalism 200
2, 5, 16, 25	

LAC COURSES	USC COURSES
LATIN	
1-2	Latin 100-101
3-4	Latin 200-201
LAW	
1,2	
MATHEMETICS	
4.	Math 108
5,6	
7.	Math 115
8.	Math 125 or 257
11.	Math 258
12.	Math 259
13, 15, 17, 18, 23, 24, 25, 26, 35, 36, 44, 60, 61, 62, 63	
71-72 (Same as 7)	
73-74 (Same as 8)	
MICROBIOLOGY	
1, 6, 20, 40	
MINERALOGY	
1 with 2	Geol. 206L
10, 11, 12	
MUSIC	
2 with 6 and 3 with 7	MuTC 133ab
4 with 8	MuTC 233a
12 with 13	MuTC 234a
30 with 31	MuHL 271
32, 33	
5, 17, 28, 29, 34	
40, 41, 44 (Maximum: 4 units)	
54.	
55, 70, 71 (Maximum: 4 units	
56, 57, 58 (Maximum: 4 units)	
60, 61, 62 (Maximum: 4 units)	
59, 68, 69, 72, 74, 76, 77, 81, 82, 83, 90.	
(Maximum for any combination of courses 40 through 83: 12 units).	
PALEONTOLOGY	
1.	

LAC COURSES	USC COURSES
PHILOSOPHY	
1 or 2	Phil. 110
3, 4	
6.	
7 with 8	Phil. 250
9, 15	
20.	Phil. 270
21, 22	
23.	Religion 110
24, 25	
PHYSICAL EDUCATION	
1, 2, 3, 4, 5, 6, 7, 8, 13, 16, 17, 18, 19, 20, 21, 22, 23, 26, 27, 28, 29, 30, 31, 32, 33, 39, 44, 45, 50, 60	
PHYSICAL SCIENCE	
1, 2	
PHYSICS	
1-2-3-4	Physics 141L-142L-143L
6 with 7	Physics 105abL
11, 12, 14, 21	
PHYSIOLOGY	
1 or 3	Biology 212L
POLICE SCIENCE (Maximum transferable: 16 units)	
POLITICAL SCIENCE	
1.	Political Science 100
1 with 2	Political Science 200
2.	I R 200
7, 8, 10, 30	
PORTUGUESE	
1, 2, 3, 4	
PSYCHOLOGY	
1.	Psychology 200
2, 5.	
3, 4 (Maximum: 1 course)	
11, 12, 13, 14 (Maximum: 1 course)	

LAC COURSES	USC COURSES
RUSSIAN	
1-2	Slavic Studies 120-122
3	Slavic Studies 220
4, 5, 8	
SOCIOLOGY	
1.	Sociology 200
2 or 10	Sociology 250
4, 7, 12, 13, 15	
SPANISH	
1-2	Spanish 120-150
3.	Spanish 220
8.	Spanish 224
4, 5, 6, 7, 9, 10, 11, 12, 13	
SPEECH	
1.	Speech 102
2, 3	
4.	Speech 101
9.	
11, 12, 13 (Maximum: 6 units)	
15.	
STATISTICS	
1.	Psychology 274
2. (One course from 1 and 2)	
THEATER ARTS	
1.	
2.	
5.	
6.	
7.	Drama 226
11, 25, 28 (Maximum: 3 units)	
15.	
19, 20, 21,23, 30, 31 (Maximum: 8 units)	
22, 24, 25, 28, 47 (Maximum: 4 units)	
30, 31 (Maximum: 2 units)	
40, 41 (Maximum: 4 units)	
44, 45, 46 (Maximum: 9 units)	
49, 90	
ZOOLOGY	
1, 2, 4, 5, 6	

LOS ANGELES CITY SCHOOLS
Division of Instructional Planning and Services
Instructional Planning Branch
Office of the College Curriculum Coordinator

ARTICULATION AGREEMENTS

Between

SAN FERNANDO VALLEY STATE COLLEGE

and

THE COLLEGES OF THE LOS ANGELES CITY JUNIOR COLLEGE DISTRICT

City College
East Los Angeles College
Harbor College
Pierce College
Southwest College
Trade-Technical College
Valley College

Revised October 1, 1967

ALL PREVIOUS EDITIONS ARE OBSOLETE

PART	I	COURSES ACCEPTABLE FOR MEETING MAJORS REQUIREMENTS
PART	II	COURSES ACCEPTABLE FOR MEETING GENERAL EDUCATION REQUIREMENTS
PART	III	COURSES ACCEPTABLE FOR TRANSFER CREDIT, AND SAN FERNANDO VALLEY STATE COLLEGE COURSES FOR WHICH ACCEPTABLE
PART	IV	COURSES ACCEPTABLE FOR MEETING CREDENTIAL REQUIREMENTS

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
OFFICE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL OFFICE OF EDUCATION POSITION OR POLICY.

JC 670 978

INTRODUCTION

The parts of this bulletin have been developed through negotiations between the San Fernando Valley State College Office of Relations with Schools, and the Los Angeles City Schools' College Curriculum Office. The purpose of these agreements is to enable the prospective San Fernando Valley student attending a junior college to complete the first two years of his baccalaureate objective, with courses which meet the requirements for his particular major, as well as the general education requirements for graduation from San Fernando Valley State College.

This bulletin merely lists courses acceptable for meeting the various requirements. Details regarding curricula, course titles, descriptions, or units of credit, may be obtained from the San Fernando Valley State College Catalogue and from the catalogues of the respective Los Angeles Colleges.

In planning his two-year junior college program, the student should first consider the requirements for the major. Next, he should plan to complete as many of the general education requirements as possible. (In many instances, a given course may be applied to both the major and general education requirements. Courses in this category are so indicated in PART I.) The including of electives which do not meet either the Major or General Requirements could result in extending the time required for completion of the bachelor's degree.

To guide the student in the selection of electives, PART III lists all courses acceptable for transfer credit, and, where applicable, indicates San Fernando Valley State College courses for which acceptable.

PART IV lists the courses offered in the Los Angeles Colleges which will satisfy requirements in majors and minors towards teaching credentials.

CONTENTS

Page

Introduction ii

PART I COURSES ACCEPTABLE FOR MEETING MAJORS REQUIREMENTS

Anthropology - Art 1
Biology 2
Business Administration 3
Business Education - Chemistry 4
Drama - Engineering 5
English - German 6
Health Science - History 7
Home Economics 8
Journalism and Broadcasting - Mathematics 9
Music - Physical Education 10
Physical Science - Psychology 11
Recreation - Speech Correction 12

PART II COURSES ACCEPTABLE FOR MEETING GENERAL EDUCATION REQUIREMENTS.... 13-15

PART III COURSES ACCEPTABLE FOR TRANSFER CREDIT, AND SFVSC COURSES FOR WHICH ACCEPTABLE

Accounting - Arabic 16
Art - Botany 17
Broadcasting - Economics 18
Education - Geography 19
Geology - Home Economics 20
Horticulture, Ornamental - Management 21
Mathematics - Mineralogy 22
Music - Photography 23
Physical Education - Portuguese 24
Psychology - Speech 25
Statistics - Zoology 26

PART IV COURSES ACCEPTABLE FOR MEETING CREDENTIAL REQUIREMENTS

Major and Minor Requirements for Elementary and Secondary Teaching Credentials 27-28

SFVSC Lower Division Course Requirements for Elementary and Secondary Credential Minors and LAC Course Equivalents...... 29-32

PART I

COURSES ACCEPTABLE FOR MEETING MAJORS REQUIREMENTS

SFVSC REQUIRED COURSES | **LAC COURSES WHICH MEET THE REQUIREMENT**

NOTE: COURSES WHICH MAY BE USED TO SATISFY REQUIREMENTS IN BOTH THE MAJOR AND IN GENERAL EDUCATION ARE INDICATED WITH "G".

ANTHROPOLOGY

Anthropology 150	Anthropology 2	G
Anthropologh 204		
Choose three of the following:		
Geography 150	Geography 2	G
History 150,151	History 1,2	G
Philosophy 210	Philosophy 7	G
Sociology 110	Sociology 1	
Sociology 150	Statistics 1	

ART (Maximum transferable: 24 Units)

Option 1. Fine Arts (Drawing, Painting, Printmaking, Sculpture)
Option 2. Crafts (Ceramics, Metal, Textiles, Wood)
Option 3. Design (Graphic Design, Photography, Three Dimensional Design)
Option 4. Secondary Credential
Option 5. Elementary Credential, also recommended for General Art Major

Special Requirement: All students entering upper division classification are required to present a portfolio of work demonstrating their achievement level. Details regarding submission of the portfolio may be obtained from the Art Department secretary.

Core Requirements (only lower division required courses are listed here):		
Art 111A-111B	Art 1-2	G
Art 124A-124B	Art 20-21	
Art 140A-140B	Art 11-12	
Option 1. Fine Arts		
Art 230	Art 25	
Art 235	Art 37	
Select from the following, with consent of advisor, 4 units from:		
Art 227A	Art 22	
Art 227B	Art 23	
Art 228		
Art 237	Art 58	

SFVSC COURSES	LAC COURSES
ART (Continued)	
Option 2. Crafts	
Art 124C	Art 30
Art 235	Art 37
Art 267	Art 52
Art 273	Art 56
Art 277	
Option 3. Design	
Art 124C	Art 30
Art 240	Art 13
Art 244	Art 40
Art 250	Photography 1 or 10
Option 4. Secondary Credential	
Select one of the following:	
Art 244	Art 40
Art 250	Photography 1 or 10
Option 5. General Art Major (Also Elementary Credential)	
Select from the following, for a total of 4 units:	
Art 227A,227B	Art 22,23
Art 228	
Art 230	Art 25
Art 235	Art 37
Art 237	Art 58
Art 240	Art 13
Art 244	Art 40
Art 250	Photography 1 or 10
Art 267	Art 52
Art 273	Art 56
Art 277	

BIOLOGY

The student who majors in biology must complete the core program (see below) and is required to demonstrate a proficiency in mathematics equivalent to a passing grade in Mathematics 102 (College Algebra). He may do this by receiving a satisfactory score on the Mathematics Placement Test administered by the testing office. If Mathematics 240 is to be taken at SFVSC (see below), proficiency must be demonstrated before enrollment in that course.

Biology 150-150L	(Biology 3 or Botany 1 G
Biology 151-150L	(or Zoology 1
	(Botany 2 or Zoology 2 G
Mathematics 240	Statistics 1 G

SFVSC COURSES	LAC COURSES
BIOLOGY (Continued)	
Chemistry 101-102	Chemistry 1-2 G
Chemistry 333	Chemistry 7 with 8
Chemistry 334	
Physics 100A-100B	Physics 6-7 or G Physics 1-2-3-4
BUSINESS ADMINISTRATION	
Freshman Year	
Economics 150	Economics 2 G
Economics 160	Economics 1 G
[a]Mathematics 102 or Mathematics 105 or	Mathematics 2 or 4 or G Mathematics 2 or Mathematics 3 with 4 or
[b]Mathematics 150A or Mathematics 255A	Mathematics 7 or Mathematics 6 or 7
Sophomore Year	
Business 220A-B	Accounting 1-2
Business 280	Business 5 or Law 1

Proficiency in typewriting and business machines is required of all office administration majors. Proficiency in shorthand is required of those majors who plan to be executive assistants. Those who demonstrate through proficiency tests the ability to type 60 words a minute, take shorthand at 90 words a minute, and operate business machines, may be excused from further courses in the subjects. These proficiencies may be acquired by taking Business Administration 201, 202, and 212, respectively. Beginning students in typing and shorthand should enroll in Business Administration 101 and 102, respectively. Our equivalents for the above-named courses are as follows:

Business 101	Secretarial Science 1
Business 102	Secretarial Science 10
Business 201	Secretarial Science 2
Business 202	Secretarial Science 11
Business 212	Any combination of Office Machines 1, 2, 4, and 5

[a] All business majors are required to take a mathematical proficiency test during their first semester in college.

[b] Students in Option 7 must take Mathematics 150A

SFVSC COURSES **LAC COURSES**

BUSINESS EDUCATION (Secondary Credential Program - Five Years)

The secondary credential with a major in business teacher education and a teaching minor authorizes the holder to teach in his major and minor in the junior and senior high schools of California. A student who wishes to prepare for the credential should complete the B.A. in Business Education, a teaching minor, and the professional education courses required by the School of Education. Credential candidates must select a specialization in Accounting or office Administration.

Preparation for the Major (either specialization):

Mathematics 102	Mathematics 4
Economics 150-160	Economics 2-1
Business 220A-220B	Accounting 1-2
Business 260	Business 1 or Management 1
Business 280	Business 5 or Law 1

The credential candidate must also pass proficiency tests in typing and business machines or complete the following with grades of A or B.

Business 101 or	Secretarial Science 1 or
Business 201 Business 212	Secretarial Science 2 Any combination of Office Machines 1, 2, 4, and 5

A student who selects the specialization in Office Administration must also pass a proficiency test in shorthand or complete the following with a grade of A or B.

Business 102 or 202	Secretarial Science 10 or 11

CHEMISTRY

Chemistry 101-102	Chemistry 1-2 G
Chemistry 221	Chemistry 5
Chemistry251	
Mathematics 150A	Mathematics 7 G
Mathematics 150B	Mathematics 8
Mathematics 250	Mathematics 11
Mathematics 280	Mathematics 12
Physics 220A-220B-220C	Physics 1-2-3-4 G
Language requirement: German 101-102	German 1-2

SFVSC COURSES	LAC COURSES	
DRAMA		
Drama 100-101	Any 6 units from Theater Arts, 21, 22, 23, 24, or 26	
Drama 105	Theater Arts 44	
Drama 214 or 217	Recommended: Theater Arts, 21, 22, 23, 24, 25, 30, 31.	
Drama 264	Theater Arts 7	
	A maximum of 20 units in Theater Arts may be transferred.	
ECONOMICS		
Economics 150-160	Economics 2-1	G
Business 220A-220B	Accounting 1-2	
Mathematics 255A-225B	Mathematics 6 or 7-8	

ENGINEERING *

This program is based upon an expectation of adequate high school preparation in science and mathematics. High school courses should include algebra, plane geometry, trigonometry, chemistry or physics (both desirable), and mechanical drawing.

Freshman Year		
Engineering 107	Gen. Engr. 1 with 4	
Engineering 121	(Health 10 is acceptable)	
Mathematics 150A-B	Mathematics 7-8	G
Chemistry 101-102	Chemistry 1-2	G
Physics 220A	Physics 1 with 2	G
Sophomore Year		
Engineering 227	General Engineering 5 (must include Lab).	
Engineering 240	Gen. Engr. 7 with 8	
Mathematics 250	Mathematics 11	
Mathematics 280	Mathematics 12	
Physics 220B-220C	Physics 3 with 4 (following 1 with 2 in freshman year).	

*Up to 3 units of general education may be waived provided that at least two semesters of physical education are included.

SFVSC COURSES	LAC COURSES
ENGLISH	
English 155	English 1 G
English 255	English 2 G
English 258-259	English 5-6
Language requirement:	
Successful completion of the second semester of any language taught at the college level.	Successful completion of the second semester of a foreign language. G
FRENCH	
French 101-102-201-202	French 1-2-3-4 G
GEOGRAPHY	
Geography 101	Geography 1 G
Geography 102	
Geography 103 or 310	Geography 3 or Meteorology 3
Geography 105 or 150	Geography 5 or 2
Geography 205 or 405	
GEOLOGY	
Mathematics 150A	Mathematics 7 G
Mathematics 150B or Mathematics 240	Mathematics 8 or Statistics 1
Chemistry 101-102	Chemistry 1-2 G
Physics 100A - B or Physics 220A - B	Physics 6 and 7 or Physics 1-2-3 G
Geology 101 -101 L	Geology 1 with 6 or 4
Geology 102	Geology 2 with 7 or 5
Language requirement:	
French 101-102 or	French 1-2 or
German 101-102 or	German 1-2 or
Russian 101-102	Russian 1-2
GERMAN	
German 101-102-103-104	German 1-2-3-4 G

SFVSC COURSES **LAC COURSES** **SFVSC MAJORS**

HEALTH SCIENCE

The Department of Health Science offers curricula leading to the B.S. degree in Health Science with two options:

1. School Health, with areas of concentration for Teacher Education or School Nursing
2. Public Health, with areas of concentration in Enviromental Health, Health Statistics (Biostatistics), Occupational Health, and Public Health Education. With proper planning and selection of electives, the student in this option can also meet premedical and predental requirements.

Both options prescribe the same core program. Lower division requirements are as follows:

SFVSC COURSES	LAC COURSES	SFVSC MAJORS
Health Science 120	Health 10	G
Biology 150-150L	Botany 1 or Biology 3 or Zoology 1	G
Biology 215	Microbiology 1 or 20	
Biology 221	Anatomy 1	
Biology 222	Physiology 1 or 3 (Zoology 6 alone meets the 221-222 requirement)	
Mathematics 102 or	Mathematics 2 or 4 or	
Mathematics 105	Mathematics 2, or 3 with 4 or	G
Mathematics 150A	Mathematics 7	
Chemistry 103-104 or	Chemistry 1 - 2	G
Chemistry 101-102	Chemistry 1 - 2	
Psychology 150	Psychology 1	G
Sociology 150	Sociology 1	G

HISTORY

SFVSC COURSES	LAC COURSES	SFVSC MAJORS
Geography 150	Geography 2	G
History 150-151	History 1 - 2	G
History 270-271	History 11-12- or 17-18	G

SFVSC COURSES **LAC COURSES**

HOME ECONOMICS

Three options are provided:

1. Preparation for the standard secondary credential as well as for employment in several other areas
2. Preparation for a career in business and industry
3. Preparation for dietetics internship.

The core program is required of all home economics majors; its lower division requirements are as follows:

Art 140A	Art 11
Biology 150-150L	Biology 3 or Botany 1 or Zoology 1
Biology 215	Microbiology 1 or 20
Chemistry 103-104	Chemistry 1-2 G
Chemistry 235	Chemistry 7 with 8
Home Economics 160	Home Economics 10 with 17
Home Economics 170	Home Economics 13 or 14
Home Economics 205	Home Economics 21 with 24

Certain of the options list lower division requirements in addition to core program lower division requirements as follows:

Option 2	
Journalism and Broadcasting 110	Journalism 1
Option 3	
Business 220A	Accounting 1
Choice of 6 units from	
Economics 150-160	Economics 2-1 G
Sociology 150	Sociology 1 G

SFVSC COURSES	LAC COURSES

JOURNALISM AND BROADCASTING

Two majors in mass communications are offered:

1. A major in journalism for students who plan professional careers in newspaper and magazine editorial work, advertising and public relations, or telephone and radio news work, or for students who feel a study of the media of mass communications would contribute to their liberal education.
2. A major in broadcasting for students who plan careers in educational or commercial broadcasting or station management.

Students are encouraged to take a second major or a minor in a related field such as English, history, political science, or sociology.

Students majoring in journalism are required to complete successfully the second semester of any foreign language taught at the college or to pass an examination to demonstrate an equivalent proficiency. (Foreign Language is not required of Broadcasting majors.) G

Journalism Major Requirements:

Journalism and Broadcasting 100	Journalism 5
Journalism and Broadcasting 110	Journalism 1
Journalism and Broadcasting 210	Journalism 26
Journalism and Broadcasting 230	Journalism 16

Broadcasting Major Requirements:

Journalism and Broadcasting 197	Broadcasting 15 or 48
Journalism and Broadcasting 280	Broadcasting 1

At least two courses from the following (6 units):

Journalism and Broadcasting 110	Journalism 1
Speech 104	Speech 4
Speech 220	Speech 2
Speech 225	Speech 11

MATHEMATICS

Mathematics 150A-B	Mathematics 7-8 G
Mathematics 250	Mathematics 11
Physics 220A-B	Physics 1-2-3 G

SFVSC COURSES	LAC COURSES
MUSIC	
History and Literature	
Music 201A-B	Music 30 and 31 G
Theory	
Music 120A-B	Music 6 and 7
Music 121ABC	Music 2-3-4
Music 220	
Music 226	Music 12 and 13
Ensembles (1-1-1-1-). At least one each semester selected from:	
Music 180	Music 76 or 77 (Maximun 4 units)
Music 182	Music 74 (Maximum 4 units)
Music 184	Music 55, 56, 57 or 58 (Maximum 4 units)

A maximun of 12 units in performance courses is applicable toward the B.A. degree, not more than 8 of which can be in any one activity, and not more than 8 of which can be transferred.

SFVSC COURSES	LAC COURSES
PHILOSOPHY	
Philosophy 201-202-210-230	Philosophy 3-4-7-9- G
PHYSICAL EDUCATION	
Biology 150	Biology 1 or 3 or Botany 1 or Zoology 1 G
Biology 221	Anatomy 1
Biology 222	Physiology 1 or 3 (Zoology 6 alone meets the 221-222 requirement)

Specific sports skills tests are prerequisite to enrollment in the following courses:

SFVSC COURSES	LAC COURSES
Physical Education 110 (Men)	Recommended P.E. 5 H, K
Physical Education 113 (Women)	Recommended P.E. 5 B G
Physical Education 180-181-280-281	P.E. 17- 18- and 19 (Women), or P.E. 31-32 -33 -and 39 (Men), or P.E. 20 -21- 22- 23- and any additional units from 26, 27, 28, 29, 30, or 49 to meet the 8 unit requirement
Physical Education 288 (Women) or 289 (Women)	P.E. 24 or 25

SFVSC COURSES **LAC COURSES**

PHYSICAL SCIENCE

The major in physical science is designed to prepare students for a diversity of career choices, as follows:

1. Professions in technical services (libraries, sales, patent offices, etc.)
2. Teaching positions in the secondary school systems
3. Studies primarily outside the physical sciences in which familiarity with physical sciences is required

The major is administered by the Departments of Chemistry and Physics and contains two options which may be taken separately or jointly. The two options have the same lower division core requirement:

Mathematics 150A-B	Mathematics 7-8	G
Mathematics 250-280	Mathematics 11-12	
Physics 220A-B-C	Physics 1-2-3-4	G
Chemistry 101-102	Chemistry 1-2	G

PHYSICS

Physics 220A-220B-220C	Physics 1-2-3-4
Mathematics 150A-150B	Mathematics 7-8
Mathematics 250-280	Mathematics 11-12
Chemistry 101-102	Chemistry 1-2

POLITICAL SCIENCE

Political Science 155	Political Science 1	G
Political Science 156	Political Science 2	
Political Science 201		
Economics 150	Economics 2	G
History 151	History 2	
Sociology 110	Statistics 1	

PSYCHOLOGY

Psychology 150	Psychology 1	G
Psychology 225	Psychology 5	
Psychology 250	Psychology 2	

Strongly Recommended:
Supporting courses in biology, mathematics, philosophy, and the social sciences.

SFVSC COURSES	LAC COURSES	
RECREATION		
Physical Education 180-181-280-281	P.E. 17-18-19 (Women) or P.E. 31-32-33-39, (Men) or P.E. 20-21-22-23 and any additional units from 26, 27, 28, 29, 30, or 49 to meet the 8 unit requirement	G
(For the transfer student - At least one course in each area for a minimum total of 8 classes in the following: Aguatics, individual and Dual Sports, Team Sports, and Dance.)	P.E. 1, 2, 3, 4, 5, 6, 7	
Health Science 160	Health 12	
RUSSIAN		
Russian 101-102-201-202	Russian 1-2-3-4	G
SOCIOLOGY		
Sociology 150	Sociology 1	G
Sociology 202		
Philosophy 210	Philosophy 7	G
SPANISH		
Spanish 101-102-201-202	Spanish 1-2-3-4	G
SPEECH		
Speech 104	Speech 4	
Speech 155	Speech 1	
Speech 220	Speech 2	
Speech 225	Speech 11	
SPEECH CORRECTION		
Speech 155	Speech 1	G
Select one from:		
Speech 220	Speech 2	
Speech 225	Speech 11	G

PART II

COURSES ACCEPTABLE FOR MEETING GENERAL EDUCATION REQUIREMENTS

Section A. The Social Sciences — 12 Semester Units

1. U.S. History and
2. American Political Institutions

Choose one sequence of two courses:

History 5 with 6, 11 with 12, 17 with 18

or

Political Science 1 with one History course chosen from 5, 6, 11, 12, 13, 14, 17, 18

3. Choose one course from each of two categories:

a. Anthropology 2
b. Economics 1, 2, 5
c. Geography 2, 5, 10, 11, 12
d. Sociology 1, 2, 10
e. History 1, 2, 3, 4
f. Political Science 2

Section B. The Natural Sciences — 9 Semester Units

1. Physical Sciences

Choose at least one course:

Chemistry 1, 3, 4, 11, 12, 13
Physical Science 1
Physics 1, 6, 11, 12, 21

2. Biological Science:

Choose at least one course:

Anatomy 1
Biology 1, 3, 6, 23
Botany 1
Physiology 1, 3
Zoology 1, 6

Section B (continued)

3. Science Electives

Astronomy 1
Biology 2, 7, 24, 25
Botany 2, 3
Earth Science 1
Entomology 11
Geography 1, 3
Geology 1, 4, 6
Meteorology 3
Microbiology 1, 6, 20
Minerology 1, 2, 10, 11
Paleontology 1
Physical Science 2
Physics 2, 3, 4, 7
Zoology 2, 5

Section C. The Humanities — 9 Semester Units

Choose at least three units from each sub-section:

1. Art, Drama or Music
   Art 1, 2, 3, 4, 11, 12, 13, 20, 21, 30
   Humanities 3
   Music 2, 3, 6, 7, 30, 31, 32, 33
   Theater Arts 2, 5, 6

2. Literature

   English 2, 3, 4, 5, 6, 7, 8, 14

3. Philosophy 1, 2, 3, 4, 20

Section D. Rhetoric — 6 Semester Units

One course from each sub-section:

1. English 1
2. Speech 1, 2, 11

Section E. General Psychology — 3 Semester Units

Psychology 1

Section F. Health and Physical Education 4 Semester Units

1. Health 10 or 11
2. Physical Education: 4 Semesters of activities selected from P.E. 1, 2, 3, 4, 5, 6, 7, 8, 13, 50, 60

Section G. Selected Electives Our Course is Required

Choose only from the following:

Any foreign language, up to 6 units, at the level of course 2 or beyond.

Mathematics 1, 2, 4, 5, 6, 7, 17, 23, 25, 35, 71, 72
Philosophy 7, 8, 9
Statistics 1

Total Required Semester Units in General Education 46

PART III

COURSES ACCEPTABLE FOR TRANSFER CREDIT, AND SFVSC COURSES FOR WHICH ACCEPTABLE

This section lists all courses transferable to San Fernando Valley State College for credit. SFVSC courses for which Los Angeles College courses are acceptable toward the Major are indicated in the right column opposite the respective course numbers. Courses from this list which meet the General Education requirements may be found by referring to PART II of this Bulletin. All other courses are acceptable for elective credit only.

Each course, individually, is acceptable for transfer credit. The words "or", "and", and "with" in the LAC column refer to SFVSC equivalencies.

LAC COURSES	SFVSC COURSES
ACCOUNTING	
1.	Business 220A
2.	Business 220B
3. with 22 (Same as 1)	
AGRICULTURE	
1,2	
ANATOMY	
1.	Biology 221
1 with Physiology 1 or 3	Biology 221-222
40	
ANTHROPOLOGY	
1.	
2.	Anthropology 150
3,4,5,6,7	
ARABIC	
1, 2, 3, 4, 5, 6, 10, 11	

LAC COURSES	SFVSC COURSES
ART (Maximum transferable: 24 units)	
1.	Art 111A or 105
2.	Art 111B or 105
3 or 4	Art 105
5, 6, 7, 8, 10*	
11-12	Art 140 A-B

*Art 10 may be substituted for SFVSC Art 380 toward the Elementary Credential, but is not equivalent in any other respect.

13.	Art 240
14, 15, 18	
20-21	Art 124A-B
22-23	Art 227A-B
24.	
25. (Maximum: 2 units)	Art 230
26, 27, 28, 29	
30.	Art 124C
31, 32, 33, 34	
37.	Art 235
38.	
40.	Art 244
41, 42, 43, 44, 45, 47, 48, 50, 51	
52.	Art 267
53, 54, 55	
56.	Art 273
57.	
58.	Art 237
59, 80	
ASTRONOMY	
1.	Physical Science 152
2.	
BIOLOGY	
1.	Biology 150
2.	Biology 151
3.	Biology 150-150L
6.	Biology 150-150L
7.	Biology 151-151L
10, 13	
23.	Biology 150
24.	Biology 151
25, 41	
BOTANY	
1.	Biology 150-150L
2.	Biology 151-151L
3, 40	

LAC COURSES	SFVSC COURSES
BROADCASTING	
1.	Journalism and Broadcasting 280
15 or 48	Journalism and Broadcasting 197
5, 10, 20, 21, 25, 46	
BUSINESS	
1.	Business 260
5.	Business 280
6, 8, 15, 32, 33	
BUSINESS DATA PROCESSING	
1, 21, 31	
CHEMISTRY	
1.	Chemistry 101
2.	Chemistry 102
1 with 2	Chemistry 103-104
3.	Chemistry 103
4.	
5.	Chemistry 221
6.	
7-8	Chemistry 235
11, 12 with 13, 14, 15	
CHINESE	
1-2	Chinese 101-102
3-4	Chinese 201-202
8, 10, 11	
DRAFTING	
1.	
EARTH SCHENCE	
1	
ECONOMICS	
1.	Economics 160
2.	Economics 150
4,5	

LAC COURSES	SFVSC COURSES
EDUCATION	
1, 2, 3	
ENGINEERING, CIVIL	
1, 2, 3, 4	
ENGINEERING, GENERAL	
1 with 4	Engineering 107
2.	Engineering 105
5 (with lab.)	Engineering 227
7 with 8	Engineering 240
15, 25, 35	Engineering 105
ENGLISH	
1.	English 155
2.	English 255
3, 4	
5-6	English 258-259
7, 8, 11, 12,	
14, 15, 16, 17, 18*, 19,20,21	(Maximum: 6 units)
24, 25, 27, 44, 45	
English 13	English 264

* English 18 may be substituted for SFVSC English 328 toward the Elementary Credential, but is not equivalent in any other respect.

LAC COURSES	SFVSC COURSES
ENTOMOLOGY	
11.	
FINANCE	
8.	
FRENCH	
1-2	French 101-102
3-4	French 201-202
20.	French 101-102
5, 6, 7, 8, 10, 11	
GEOGRAPHY	
1.	Geography 101
2.	Geography 150
3.	Geography 103
4.	
5.	Geography 105
10, 11, 12, 14, 30	

LAC COURSES	SFVSC COURSES
GEOLOGY	
1.	Geology 101
2 with 7	Geology 102
4.	Geology 101-101L
5.	Geology 102
6.	Geology 101L
9, 12	
GERMAN	
1-2	German 101-102
3-4	German 201-202
5, 6, 7, 8, 10, 11	
GRAPHIC ARTS	
1.	
HEALTH	
10 or 11	Health Science 120 or Engineering 121
12.	Health Science 160
HEBREW	
1, 2, 3, 4, 5, 10	
HISTORY	
1.	History 150
2.	History 151
3, 4	
5.	History 254
6, 7, 10	
11-12	History 270-271
13 or 14	History 255
15, 16	
17-18	History 270-271
20, 21, 23, 27, 29, 35	
HOME ECONOMICS	
10 with 17	Home Economics 160
13 or 14	Home Economics 170
21 with 24	Home Economics 205
1, 2, 30, 31	

LAC COURSES	SFVSC COURSES
HORTICULTURE, ORNAMENTAL	
1, 2, 3, 4, 5	
HUMANITIES	
1, 2, 3, 5, 7, 10	
INDUSTRIAL ARTS	
1, 11, 21, 41, 51	
ITALIAN	
1, 2, 3, 4, 5, 6, 8, 10, 11	
JAPANESE	
1, 2, 3, 4, 5, 6, 10, 11, 12, 13	
JOURNALISM	
1.	Journalism and Broadcasting 110
2.	Journalism and Broadcasting 210
4.	
5.	Journalism and Broadcasting 100
6.	
16.	Journalism and Broadcasting 230
18,20	
25.	Journalism and Broadcasting 100
32, 33, 35, 41, 42, 43, 44	
LATIN	
1-2	Latin 101-102
3-4	Latin 201-202
LAW	
1.	Business 280
2.	
MANAGEMENT	
2.	Business 260

LAC COURSES	SFVSC COURSES
MATHEMATICS	
1.	Mathematics 102 or 105
2.	Mathematics 105
3 with 4	Mathematics 102
4.	
5.	Mathematics 255A
6.	Mathematics 255A or 150A
7.	Mathematics 255B or 150B
8.	Mathematics 250
11.	Mathematics 280
12.	
13, 15	Mathematics 131
17. (with prerequisite of high school algebra and geometry)	
18, 23, 24	Mathematics 210
25.	
26, 27	Mathematics 210
35.	
36.	
37, 38, 44, 60, 61, 62	Mathematics 281
63.	
71, 72 (Same as 7)	
73, 74 (Same as 8)	
MERCHANDISING	(Maximum: 3 units for any combination of courses applicable to Business Education Major)
METEOROLOGY	
3.	Geography 103
MICROBIOLOGY	
1 or 20	Biology 215
6.	
MINERALOGY	
1, 2, 10, 11, 12	

LAC COURSE	SFVSC COURSE
MUSIC (Maximum transferable: 32 units)	
2-3-4	Music 121 A-B-C
6-7	Music 120 A-B
12 with 13	Music 226
30-31	Music 201 A-B
32 or 33	Music 105
40-41-42 (Maximum 2 units	Music 240 A-B
57. (Maximum for any combination of 55, 56, 57, 58, 59: 4 units)	Music 184
60.	Music 141 A-B or 142 A-B
61, 62 or 66	Music 242 A-B
74.	Music 182
76 or 77	Music 180
5, 8, 17, 28, 29, 34, 44, 54, 55, 56 58, 59, 68, 69, 70, 71, 72, 74, 81, 82, 83, 90	
OFFICE MACHINES	
1, 2, 4, or 5 (Maximum for any combination: 4 units) (maximum for any combination of 1, 2, or 5: 2 units)	Business 212
PALEONTOLOGY	
1.	
PHILOSOPHY	
1.	Philosophy 150
2.	
3-4	Philosophy 201-202
6.	
7.	Philosophy 210
7 with 8	Philosophy 100
9.	Philosophy 230
15, 20, 21, 22, 23, 24, 25	
PHOTOGRAPHY (Maximum: 6 units)	
1 or 10	Art 250
2, 3, 4, 11, 15, 16, 17, 21, 30	

LAC COURSE	SFVSC COURSE
PHYSICAL EDUCATION	
1, 2, 3, 4, 5, 6, 7, 8, 13.	P. E. 160
17-18-19	P. E. 180-181-280-281
20-21-22-23 or 26-27-28-29	(Partial Credit for P.E. 180-181-280-281)
24 or 25	P. E. 288 (W) or 289
28.	P.E. 113
30.	
31-32-33-39	P. E. 180-181- 280- 281
16, 34, 35, 40, 41, 42, 43, 44, 45,50	
48, 49, 50, 60	
PHYSICAL SCIENCE	
1.	Physical Science 150
2.	Physical Science 151
PHYSICS	
1 with 2	Physics 220A
1-2-3	Physics 220A-B
1-2-3-4	Physics 220A-B-C
6-7	Physics 100A-B
11, 12, 14	
21.	Physics 100A
PHYSIOLOGY	
1 or 3	Biology 222
1 or 3 with Anatomy 1	Biology 221-222
POLICE SCIENCE (A maximum of 15 units is transferable)	
POLITICAL SCIENCE	
1.	Political Science 155
2.	Political Science 156
7, 8, 10, 30	
PORTUGUESE	
1, 2, 3, 4	

LAC COURSE	SFVSC COURSE
PSYCHOLOGY	
1.	Psychology 150
2.	Psychology 250
3,4	
5.	Psychology 225
11, 12, 13, 14	(Maximum: one course)
RUSSIAN	
1-2	Russian 101-102
3-4	Russian 201-202
5, 8	
SECRETARIAL SCIENCE	
1.	Business 101
2.	Business 201
10.	Business 102
11.	Business 202
3,4,5, (Maximum: 4 units)	
12, 13, 14, 15 (Maximum: 4 units)	
16, 17, 18, 19 (Maximum: 3 units)	
30, 32, 41	
SOCIOLOGY	
1.	Sociology 150
2.	Sociology 200
4, 7, 10, 12, 13, 15, 19, 20	
SPANISH	
1-2	Spanish 101-102
3-4	Spanish 201-202
5.	Spanish 220
6, 7, 8, 9, 10, 11, 12, 13	
SPEECH	
1.	Speech 155
2.	Speech 220
3.	
4.	Speech 104
7, 9	
11.	Speech 225
12.	
13.	Speech 198
15.	

LAC COURSE	SFVSC COURSE
STATISTICS	
1.	Sociology 110 or Psychology 110 or Mathematics 240
2.	
THEATER ARTS (Maximum transferable: 20 units)	
1.	
2.	Drama 150
5, 6	
7.	Drama 264
10, 15	
21.	Drama 100
22, 23, 24, 26 (any 6 units)	Drama 100-101
26.	Drama 101
30.	Drama 116
40, 42	
44.	Drama 105
45 or 46	Drama 205
47.	Drama 196
ZOOLOGY	
1.	Biology 150-150L
2.	Biology 151-151L
4, 5	
6.	Biology 221-222

PART IV

COURSES ACCEPTABLE FOR MEETING CREDENTIAL REQUIREMENTS

The lower division requirements for Elementary and Secondary Credential majors are, in most cases, the same as for the non-teaching credential majors offered by the various departments at SFVSC. The requirements for these regular majors are outlined in PART I of this bulletin.

Lower division requirements for the minors for Elementary and Secondary Credentials are generally less comprehensive than for regular majors and are therefore given in detail herein.

Credential candidates must complete the same basic general education pattern required of all students. In addition to all other requirements (general education, major, minor), the candidate for the Elementary Credential must complete the following courses:

SFVSC COURSE	LAC COURSE WHICH MEETS THE REQUIREMENT
Mathematics 210A	Mathematics 25 or 35
Art 380	Art 10*
English 328	English 18*
Music 361	

---

* These courses fulfill the requirement for the Elementary Credential, but are not, in any other respect equivalent to the upper division courses.

I. MAJOR AND MINOR REQUIREMENTS FOR ELEMENTARY AND SECONDARY TEACHING CREDENTIALS

A. Elementary

1. Completion of a major in one of the following subjects:

Anthropology
Art (Option 5)
Biology
Drama
English
French
Geography
German
History
Mathematics
Music
Philosophy
Political Science
Psychology
Russian
Sociology
Spanish
Speech

A. Elementary (continued)

2. Completion of a minor in one of the following subjects:

Anthropology
Art
Biology
Chemistry
Drama
Economics
English
French
Geography
Geology
German
Health Science
History
Home Economics
Latin
Mathematics
Music
Philosophy
Physical Education
Physics
Political Science
Psychology
Russian
Sociology
Spanish
Speech

B. Secondary

1. Completion of a major in one of the following subjects. (The major must be in one of the starred subjects if the student chooses a minor in an unstarred subject or specialized preparation in teaching exceptional children in lieu of a minor.)

Anthropology*
Art*
Biology*
Broadcasting
Business Education
Drama*
Economics*
English*
French*
Geography *
German*
Health Science
History*
Home Economics
Journalism
Mathematics*
Music*
Philosophy*
Physical Education
Political Science*
Psychology*
Russian*
Sociology*
Spanish*
Speech*

2. Completion of a minor in one of the following subjects. (The minor must be in a starred subject if the student chooses an unstarred major.)

Anthropology*
Art*
Biology*
Business Education
Chemistry*
Drama*
Economics*
English*
French*
Geography*
Geology*
German*
Health Science
History*
Home Economics
Journalism
Latin*
Mathematics*
Music*
Philosophy*
Physical Education
Physics*
Political Science*
Psychology*
Russian*
Sociology*
Spanish*
Speech*

In choosing the major and minor, the Secondary Credential candidate should keep in mind that student teaching will later be required in at least one subject normally taught in the local secondary schools. It is therefore recommended that the student choose both major and minor from among those subjects in which student teaching is available. Secondary student teaching assignments are not available in Anthropology, Economics, Psychology, and Sociology. Students with a major in Anthropology, Broadcasting, or Philosophy are required to take a second minor as defined by the State Department of Education. Students with a major in Business Administration or Physical Education are required to complete a minor in an academic subject.

II. SFVSC LOWER DIVISION COURSE REQUIREMENTS FOR ELEMENTARY AND SECONDARY CREDENTIAL MINORS AND LAC COURSE EQUIVALENTS

MINOR	SFVSC COURSE	LAC COURSE
Anthropology	Anthropology 150 Anthropology 204 or 301	Anthropology 2
Art	Art 124A-B	Art 20-21
	Art 140 A-B	Art 11-12
	Art Elective	Art Elective
Biology	Chemistry 101-102 or Chemistry 103-104	Chemistry 1-2
	Biology 150-150L	Biology 3 or Zoology 1 or Botany 1
	Biology 151-151L	Zoology 2 or Botany 2
	Biology 221-222	Anatomy 1 with Physiology 1 or 3 or Zoology 6
Business Education (Secondary only)	Business 220A-B	Accounting 1-2
	Select 4 units from: Business 101[a] or 201[a] Business 212[a]	Secretarial Science 1 or 2 2 units from OM 1, 2, 4, 5
	Strongly recommended: Business 260	Business 1 or Management 2
	Acceptable: Business 102 or 202	Secretarial Science 10 or 11
	Business 280	Business 5 or Law 1
Chemistry	Chemistry 101-102	Chemistry 1-2
	Chemistry 221	Chemistry 5
	Recommended: Physics 100A-B	Physics 6-7
Drama	Drama 100-101	Any 6 units from Theater Arts 22, 23, 24, 26
	Drama 264	Theater Arts 7
Economics	Economics 150-160	Economics 2-1
English	English 255	English 2
	English 258-259	English 5-6
French	French 101-102-201-202	French 1-2-3-4

---

[a] Course credit, not unit credit, may be obtained by passing proficiency tests in these subjects in lieu of taking the courses.

MINOR	SFVSC COURSE	LAC COURSE
Geography	Geography 101	Geography 1
	Geography 105	Geography 5
	Geography 150	Geography 2
Geology	Chemistry 101	Chemistry 1
	Geology 101-101L	Geology 1-6, or 4
	Geology 102	Geology 2 with 7, or 5
German	German 101-102-201-202	German 1-2-3-4
Health Science	Biology 221-222	Anatomy 1 with Physiology 1 or 3, or Zoology 6
	Recommended:	
	Biology 151	Biology 2 or Botany 2 or Zoology 2
	Chemistry 103)	Chemistry 3 for 103 alone
	Chemistry 104.)	Chemistry 1 with 2 for 103 and 104.
	Health Science 160	Health 12
History	History 150-151	History 1-2
	History 270-271	History 11-12 or 17-18
Home Economics	Art 140A	Art 11
	Home Economics 160	Home Economics 10-17
	Home Economics 170	Home Economics 13 or. 14
	Home Economics 205	Home Economics 21 and 24
Journalism	JB 100	Journalism 5
	JB 110	Journalism 1
	JB 210	Journalism 2
	JB 230	Journalism 16
Latin	Latin 101-102-201-202	Latin 1-2-3-4
Mathematics	Plan A	
	Mathematics 150A-B	Mathematics 7-8
	Mathematics 250	Mathematics 11

MINOR	SFVSC COURSE	LAC COURSE
MATHEMATICS (continued)		
	Plan B	
	Mathematics 240	Statistics 1
	Mathematics 255A-B	Mathematics 7-8
	Mathematics 260	Mathematics 63
	Mathematics 281	
Music	8 units chosen from:	
	Music 120A-B	Music 6-7
	Music 121 A-B-C	Music 2-3-4
	Music 220	
	Music 201B	Music 31
	Music minors are required to declare a performance specialization (voice, piano, or other principal instrument), to develop this performance ability, to participate in an ensemble of their declared skill for a total of four semesters or 4 units, and to appear in one student ensemble recital each year. A reasonable level of keyboard proficiency, to be determined by examination, must be acquired by the junior year.	
	Elementary Teaching Concentration add:	
	2 units from:	
	Music 180	Music 76, 77
	Music 182	Music 74, 75
	Music 184	Music 55, 56, 57, or 58
	Also Recommended:	Music 40-41
	Secondary Teaching Concentration-Vocal add:	
	4 units from:	Music 55, 56, 57, or 58
	Music 184)	
	Music 190)	
	Music 191)	
	Also Recommended:	Music 40-41
	Secondary Teaching Concentration-Instrumental add:	
	2 units from:	Music 76, 77
	Music 180	Music 74, 75
	Music 182	
	Also Recommended:	Music 70, 71, 72
Philosophy	Philosophy 201-202	Philosophy 3-4

MINOR	SFVSC COURSE	LAC COURSE
Physical Education	Biology 150	Biology 1 or 3 or 23 or Zoology 1 or Botany 1
	Biology 221	Anatomy 1
Physics	Physics 220A-B-C	Physics 1-2-3-4
Political Science	Political Science 155 Political Science 156 Political Science 201	Political Science 1 Political Science 2
Psychology	Psychology 150-250	Psychology 1-2
Russian	Russian 101-102-201-202	Russian 1-2-3-4
Sociology	Sociology 110 Sociology 150	Statistics 1 Sociology 1
Spanish	Spanish 101-102-201-202	Spanish 1-2-3-4
Speech	Speech 104 One of the following:	Speech 4
	Speech 155 Speech 220 Speech 225	Speech 1 Speech 2 Speech 11